



April 21, 2008

Mr. Mohammad Zaidi  
RWQCB, Los Angeles Region  
320 West Fourth Street, Suite 200  
Los Angeles, CA 90013

**RE: First Quarter 2008 Groundwater Monitoring Report**  
Former Mission Linen Supply Facility  
11904-11920 East Washington Boulevard, Santa Fe Springs, California  
SLIC Case No. 713

Dear Mr. Zaidi:

On behalf of Mission Linen Supply, CGC Environmental, Inc. is submitting this first quarter 2008 Groundwater Monitoring Report for the above-referenced facility.

If you have any questions or need additional information, please contact me at (562) 592-0134 or Donald Moore at (415) 566-0300.

Sincerely,

CGC Environmental, Inc.

A handwritten signature in black ink that reads "Norman D. Colby".

Norman D. Colby, PG, CHg  
Principal Hydrogeologist

Enclosure/hard copy with CD

cc: Mr. Don Bock, Mission Linen Supply (with enclosure/CD & electronic transmittal)  
Mr. Donald Moore, Environmental Risk Solutions, Inc. (with enclosure/electronic transmittal)  
Mr. Matt Sutton, The Source Group, Inc. (with enclosure/electronic transmittal)

# Groundwater Monitoring Report

## First Quarter 2008

*Former Mission Linen Supply Facility  
11904-11920 East Washington Boulevard  
Santa Fe Springs, California 90606*



Prepared For:

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April 21, 2008



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## 1 Introduction

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This report presents the results of quarterly groundwater monitoring activities for the first quarter 2008 conducted by CGC Environmental, Inc. (CGC) at the former Mission Linen Supply (Mission) facility located at 11904-11920 East Washington Street, Santa Fe Springs, California (the site; Figure 1). Quarterly monitoring is being performed pursuant to a Los Angeles Regional Water Quality Control Board (RWQCB) directive dated November 2, 2000 and is a component of ongoing assessment and restoration activities at the site designed to assess and remediate subsurface chlorinated volatile organic compound (VOC) contamination.

This quarterly groundwater monitoring report summarizes the first quarter groundwater gauging and sampling activities conducted on February 18, 2008.

## 2 Background

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The site is located in an industrial/commercial area of Santa Fe Springs. In 1973, Mission purchased the site from the former owners who operated the Whittier Laundry Company. Mission conducted dry cleaning and industrial laundry operations there until 1982. In 1982 Mission acquired the adjacent property (11904-11906 East Washington Boulevard). All laundry and dry cleaning operations took place at the 11920 East Washington Boulevard address. In 1993, Mission had all buildings removed. The properties are currently vacant.

Mission removed five underground storage tanks (USTs) from the site in 1987. These tanks stored gasoline, diesel fuel and waste oil. Some hydrocarbon-impacted soil was identified during the tank removal project. Contaminated soil was excavated from the tank areas. In May 1994, the former UST locations were issued environmental closure by the County of Los Angeles Department of Public Works.

In 1996, Mission contracted National Environmental Consultants, Inc. (NEC) to complete an onsite soil gas survey. The soil gas assessment was performed to determine if VOCs were present in subsurface soils underlying the site. Tetrachloroethene (PCE) was detected by the soil gas survey. Follow-up soil and groundwater sampling by NEC and Dames and Moore identified PCE and other VOCs in soil and groundwater underlying the site. Rincon Consultants completed a soil gas survey at the site and adjacent properties to the south in December 2000. On July 26, 2001, a soil vapor extraction test was performed at the site. The findings of the assessment and pilot test were summarized in a report titled "Pilot Test Interpretation Report" prepared by Rincon Consultants and submitted to the RWQCB on September 7, 2001.

The Source Group, Inc. (SGI) installed six dual-nested vapor extraction (SVE) wells during the first quarter of 2005 for a soil vapor extraction and treatment system along with two groundwater monitoring wells for use in aquifer testing and enhanced in-situ bioremediation (EISB) pilot testing. SGI successfully completed aquifer testing in August 2005 and operated the SVE system from August 2005 to September 2007. SGI conducted an EISB injection event in the source area near wells MW-2 and MW-3 in December 2006. Results of these remediation activities are discussed in Section 7.2. A total of seven wells are currently monitored quarterly. Three piezometers previously installed at the site have been abandoned.

## **3 Site and Regional Hydrogeology**

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A brief summary of site hydrogeology and regional hydrogeology is presented below.

### **3.1 Site Hydrogeology**

The site is located within the coastal plain of Los Angeles County. The site is located about 1.5 miles east of the San Gabriel River and about 2 miles southwest of the Puente Hills. Topography across the site is generally flat.

Sediments underlying the site are comprised of a series of non-marine and marine transported deposits of sand, silt and clay. The near-surface sedimentary materials are primarily deposits of the San Gabriel River and its tributaries and consist of silt, sand and some gravel. The river system originates in the San Gabriel Mountains, northeast of the site, and extends to the Pacific Ocean. The San Gabriel River flows through the Whittier Narrows, a geographic gap between the Puente Hills and the Montebello Hills.

Near-surface sediments have been drilled and sampled during the course of site activities completed at the site. The near-surface sediments consist of silt, sand and some gravel to a depth of about 50 feet below ground surface (bgs). Historically, groundwater has been measured in onsite groundwater monitoring wells at depths of approximately 23 to 39 feet bgs. The depth to groundwater has fluctuated over time. For example, the depth to groundwater in wells MW-1 through MW-3 increased from about 25 to 26 feet bgs in December 2000 to approximately 38 feet bgs in August 2004. However, depth to groundwater has decreased significantly (approximately 8 to 10 feet) in most of the site monitoring wells since the second quarter of 2005, likely due to the heavy winter precipitation that the region experienced during that time. Water levels have remained relatively stable since then, although depth to groundwater has increased somewhat over the last several quarters. The direction of groundwater flow is typically to the southwest.

### **3.2 Regional Hydrogeology**

Information regarding the groundwater aquifers in the area of the site was obtained from Department of Water Resources Bulletin 104 (1988). The site is located at the eastern edge of the Montebello Forebay Area and the western edge of the Whittier Area in the coastal plain of Los Angeles County. The site is located within the La Habra Piedmont Slope located south of Puente Hills. Recent alluvium is present near the

ground surface and the Gaspar Aquifer is present within a depth of 50 feet bgs. The Gardena Aquifer is present within a depth of 150 feet bgs and the Lynwood Aquifer is present within depths of 200 to 300 feet bgs. The Silverado Aquifer is located approximately 350 to 500 feet bgs and the Sunnyside Aquifer is located greater than 500 feet bgs.

Although the Bellflower Aquiclude is not depicted in Cross Section N-N' of Bulletin 104, the presence of the aquiclude has been identified beneath the subject property on isopach maps of the different water-bearing units (Bulletin 104). The aquiclude consists of clays and silty clays. The depth to the base of the Bellflower Aquiclude in the vicinity of the subject property is approximately 120 feet above mean sea level (msl). The ground elevation of the subject property is about 155 feet above msl, thus, pursuant to Bulletin 104, the depth to the base of the Bellflower Aquiclude at the subject property is about 35 feet bgs. This depth of the base of the Bellflower coincides with the base of a silty zone that was encountered onsite, which extends from about 15 to 30 feet bgs.

The nearest surface water bodies to the site are the Sorensen Drain and the San Gabriel River. The Sorensen Drain is located approximately 2,400 feet to the southwest of the site and flows southeast to La Cañada Verde Creek. The San Gabriel River is located approximately 7,200 feet (1.4 miles) to the northwest of the site and flows to the southwest.

## 4 Groundwater Monitoring and Sampling

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Methods for measuring depth to water, collecting groundwater samples, and performing laboratory analysis are presented below.

### 4.1 Depth to Water Measurements

The depth to static groundwater was measured prior to sampling in monitoring wells MW-1 through MW-5, MW-7 and MW-8 on February 18, 2008. Water-level data was recorded on the well gauging data forms and well monitoring data sheets (Appendix A). The location of each groundwater monitoring well is shown on Figure 2. Construction details for the groundwater monitoring wells are presented in Table 1.

### 4.2 Groundwater Sampling

During this quarterly monitoring period, groundwater samples were collected from a total of seven monitoring wells. Groundwater samples were collected on February 18, 2008 from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-7 and MW-8.

Groundwater samples and water level data were collected in general accordance with United States Environmental Protection Agency (EPA) sampling guidance.

A 2-inch diameter Grundfos submersible electric pump with new tubing was used for low-flow (approximately 100 ml/min) purging of each monitoring well. During purging the pH, temperature, specific conductance, turbidity, oxidation-reduction potential (ORP) and dissolved oxygen of purge water were monitored with in-line meters and recorded on the sampling forms. Qualitative observations were also recorded. Purging continued until stabilization of water quality parameters ( $\pm 0.1$  units for pH and  $\pm 3\%$  for specific conductance) was achieved. These parameters were measured to assess the stability of extracted groundwater. Stable field parameter measurements tend to indicate that the groundwater samples collected will be representative of in-situ groundwater conditions. Field measurement instruments were calibrated daily prior to their use. The recorded field measurements are included on the well monitoring data sheets presented in Appendix A. The instrument calibration data is presented on the Test Equipment Calibration Log (Appendix A). Monitoring well purge water is being stored onsite in labeled 55-gallon drums until proper disposal is arranged.

In addition to the samples collected from the seven wells, a duplicate sample (MW-DUP) was collected from monitoring well MW-7 for quality control (QC) purposes

to assess the reproducibility of laboratory results. Included in the laboratory report (Appendix B) is a sample receipt checklist indicating the condition of the sample containers and cooler upon arrival at the laboratory. This form indicates that the samples arrived intact and within the prescribed EPA temperature range of 4 degrees Celsius (°C) ±2°C during storage and transport.

### **4.3 Laboratory Analysis**

Samples collected during this quarterly monitoring event were submitted to TestAmerica Laboratories, Inc. (STL) of Pleasanton, California, a State-of-California certified analytical laboratory following chain of custody protocols. All groundwater samples collected this quarter were analyzed for VOCs using EPA Method 8260B. Copies of laboratory reports and chain of custody records are included in Appendix B.

## 5 Results of Water-Level Measurements

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Depth to water measurements in monitoring wells this quarter ranged from 33.64 feet below top of casing (btc) to 37.37 feet btc in wells MW-8 and MW-5, respectively. The calculated water surface elevations in this zone ranged from 117.53 feet above msl to 118.35 feet above msl. The average groundwater elevation calculated this quarter was 0.99 feet lower than the previous quarter (November 2007).

The depth to water measurements and calculated groundwater elevations in each monitoring well this quarter are presented in Table 2. Historical groundwater elevations are listed in Appendix C. A groundwater contour map illustrating the interpreted potentiometric surface for this quarterly monitoring period is presented on Figure 3. As this figure illustrates, the direction of groundwater flow is generally to the west-southwest. The average hydraulic gradient is approximately 0.002.

## 6 Results of Chemical Analyses

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The following sections summarize the analytical results of the groundwater samples obtained as part of this quarterly monitoring event. The analytical results of groundwater samples collected in February 2008 (first quarter 2008) are listed in Table 3. The distribution of analytes detected is shown on Figure 4. Historical analytical results are presented in Appendix D. Laboratory reports are included in Appendix B. Time-series plots of VOCs in site monitoring wells are included in Appendix E.

### 6.1 Chlorinated Volatile Organic Compounds

Four chlorinated VOCs were detected in groundwater samples obtained from groundwater monitoring wells at the site during this monitoring period. These VOCs are tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and 1,1-dichloroethene (1,1-DCE). No other VOCs were detected in groundwater samples collected this quarter.

#### 6.1.1 Tetrachloroethene

PCE was detected in six of the seven monitoring wells sampled this quarter at concentrations ranging from 21 micrograms per liter ( $\mu\text{g}/\text{L}$ ) in well MW-5 to 360  $\mu\text{g}/\text{L}$  in well MW-7. PCE was not detected in well MW-4 this quarter. Each of the six PCE detections this quarter are above the EPA Region 9 maximum contaminant level (MCL) for PCE of 5  $\mu\text{g}/\text{L}$ .

#### 6.1.2 Trichloroethene

TCE was detected in groundwater samples obtained from six of the seven monitoring wells sampled this quarter at concentrations ranging from 1.6  $\mu\text{g}/\text{L}$  in well MW-5 to 19  $\mu\text{g}/\text{L}$  in well MW-8. PCE was not detected in well MW-4 this quarter. The detected concentrations of TCE in two of the six wells (MW-7 and MW-8) exceed the EPA MCL of 5  $\mu\text{g}/\text{L}$ .

#### 6.1.3 Cis-1,2-Dichloroethene

Cis-1,2-DCE was detected in the groundwater sample from well MW-2 at a concentration of 0.51  $\mu\text{g}/\text{L}$ . The detected concentration of cis-1,2-DCE in this well does not exceed the EPA MCL of 6  $\mu\text{g}/\text{L}$ .

#### **6.1.4 1,1-Dichloroethene**

1,1-DCE was detected in groundwater samples obtained from four of the seven monitoring wells sampled this quarter at concentrations ranging from 1.6 µg/L in wells MW-2 and MW-3 to 6.7 µg/L in well MW-7. The detected concentration of 1,1-DCE in well MW-7 exceeds the EPA MCL of 6 µg/L.

### **6.2 Data Quality Assessment**

A review of the laboratory's internal QA/QC analysis of analytical method blanks, laboratory control standards (LCS) and matrix spike/matrix spike duplicate (MS/MSD) samples indicate no significant deviations from internal laboratory QC limits. Laboratory QA/QC data is included with the analytical data presented in Appendix B.

An evaluation of the precision of duplicate groundwater sample results through the evaluation of relative percent difference (RPD) between the sample (MW-7) and duplicate (MW-DUP) is presented in Table 4. As Table 4 indicates, the RPDs for the analytes detected in the groundwater samples are less than 6 percent.

### **6.3 GeoTracker Database**

The first quarter 2008 groundwater monitoring report, analytical data, and depth to water data have been generated in electronic format for upload to the State Water Resources Control Board GeoTracker on-line database (<http://www.geotracker.swrcb.ca.gov>).

## 7 Discussion of Quarterly Results

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A brief discussion of groundwater elevations and groundwater quality for this quarter is presented below.

### 7.1 Groundwater Elevation and Flow Direction

As noted previously, the interpreted direction of groundwater flow this quarter is generally to the west-southwest at a gradient of approximately 0.002. This flow direction differs somewhat from the predominantly southwesterly flow direction that has been evident over the last several years. A slight degree of mounding was again observed this quarter in the vicinity of well MW-2. Overall groundwater elevations decreased an average of 0.99 feet this quarter compared to the previous sampling event in November 2007. Groundwater elevations have decreased approximately 6 to 7 feet across the site since mid-2007.

### 7.2 Groundwater Quality and Remedial Analysis

The detections of chlorinated VOCs in groundwater samples from on-site monitoring wells continue to show a decreasing trend that is attributed to active source area remedial activities implemented since mid-2005 that have included soil vapor extraction (SVE) and enhanced in-situ bioremediation (EISB). PCE concentrations are at historic lows in wells MW-2, MW-3 and MW-5 and TCE concentrations have also decreased to historic or near-historic lows in these wells. In addition, PCE concentrations in well MW-1 have decreased significantly since 2005 and were at a historic low in this well during the second quarter of 2007. The highest concentrations of PCE were found in off-site wells MW-7 and MW-8 this quarter. The time-series plots of VOCs (Appendix E) illustrate the substantial decreases in PCE concentrations in the on-site wells since mid-2002 and generally stable concentrations in the off-site wells.

The significant decreases in chlorinated VOC concentrations in groundwater since 2004 can be attributed to a combination of factors including natural attenuation, successful implementation of SVE remediation, and EISB injection activities. The significant decrease in groundwater elevation in 2004 (~10 feet) appears to have exposed the upper portion of the Gaspar Aquifer allowing natural attenuation of this unit and the lower portion of the overlying fine-grained soils. Additionally, based on the high hydraulic conductivity and transmissivity of the Gaspar Aquifer, natural attenuation by dispersion and dilution are also expected to be occurring. As displayed on the time series plots (Appendix E) for wells MW-1, MW-2, MW-3 and MW-5, implementation of SVE in 2005 and EISB remediation in 2006 has been very effective at reducing chlorinated VOC concentrations on-site to the current historic lows. Mission's consultants have also

identified a number of off-site sources of VOC and metal contamination affecting regional groundwater quality in the vicinity of the site including the Omega Superfund site that were reviewed with the RWQCB in January 2008. These off-site sources complicate interpretation of the chlorinated VOCs found in off-site areas.

## 8 Other Activities Completed This Quarter

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CGC submitted the Fourth Quarter 2007 Groundwater Monitoring Report for the site on behalf of Mission on January 28, 2007. SGI performed additional work at the site during the first quarter 2008. Work completed included the following:

- Met with the RWQCB site manager on January 16, 2008 to discuss project status and next steps for soil and groundwater at the Site.
- Continued soil gas concentration rebound study for soil vapor extraction system (SVES). The system was shut down on June 26, 2007, and individual well sampling was performed on September 25, 2007. An additional round of rebound sampling was performed on February 12, 2008, to determine any required additional operation of the system. Rebound study data and recommendations for activities leading to system shutdown and confirmation soil sampling will be presented to the RWQCB during the second quarter of 2008.
- Submitted VES Quarterly Operations and Maintenance Report for Quarter 4, 2007 to RWQCB and South Coast Air Quality Management District on February 21, 2008.

## 9 Limitations and Professional Certification

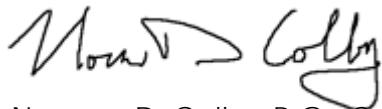
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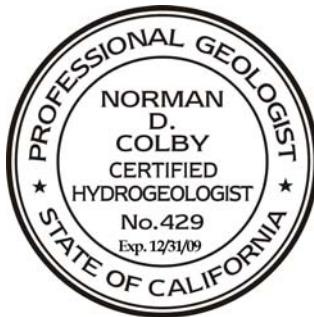
This report has been prepared for the exclusive use by Mission as it pertains to the former Mission facility located at 11904-11920 East Washington Street, Santa Fe Springs, California. Services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by reputable qualified environmental consultants practicing at this or similar locations. No other warranty, either expressed or implied, is made as to any professional advice included in this report. These services were performed consistent with the agreement between CGC and Mission.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. CGC and Environmental Risk Solutions, Inc. do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

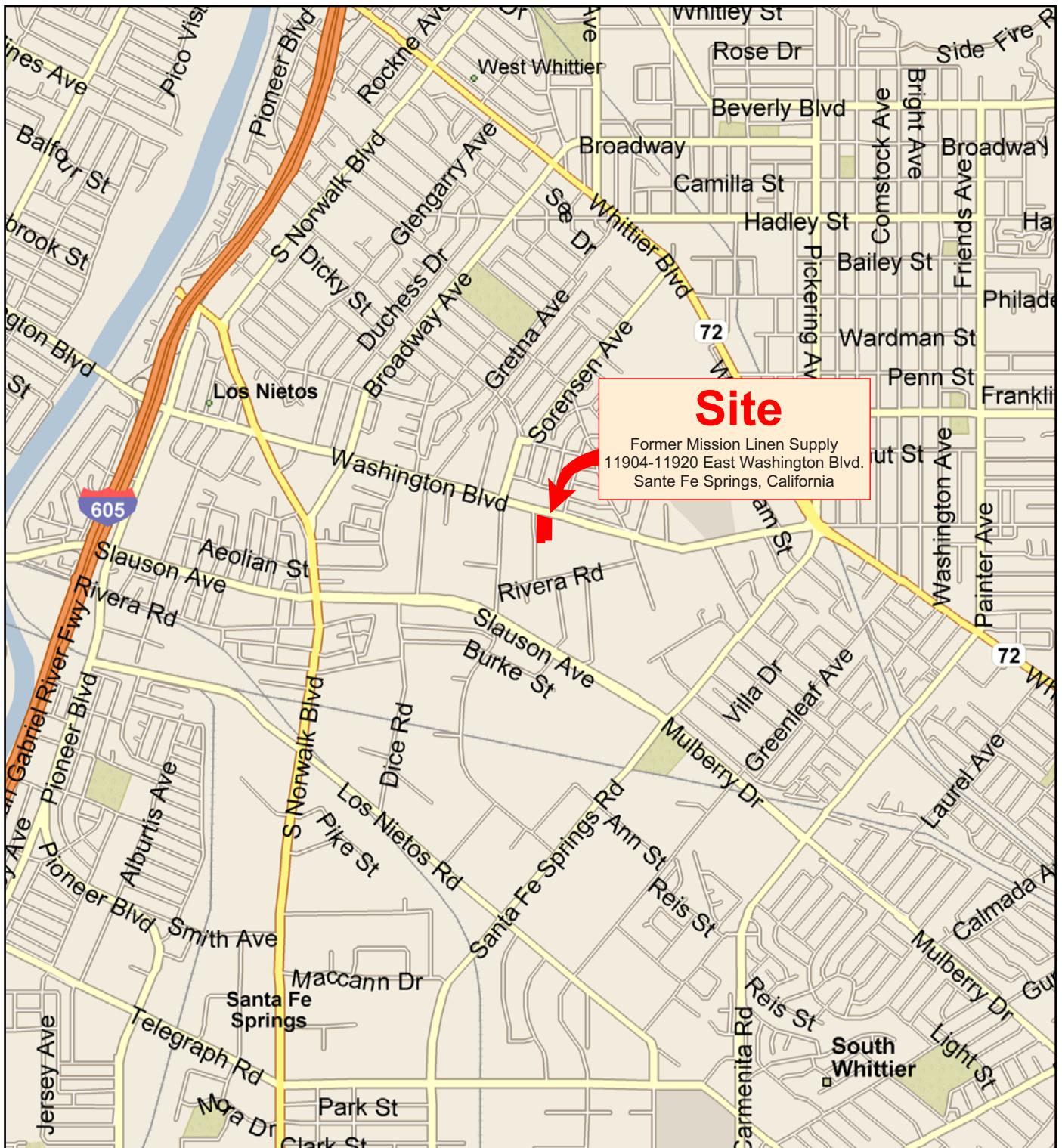
Sincerely,

*CGC Environmental, Inc.*

  
Norman D. Colby, P.G., C.Hg.  
*Principal Hydrogeologist*



## Figures



0 .4 .8 Mile

N



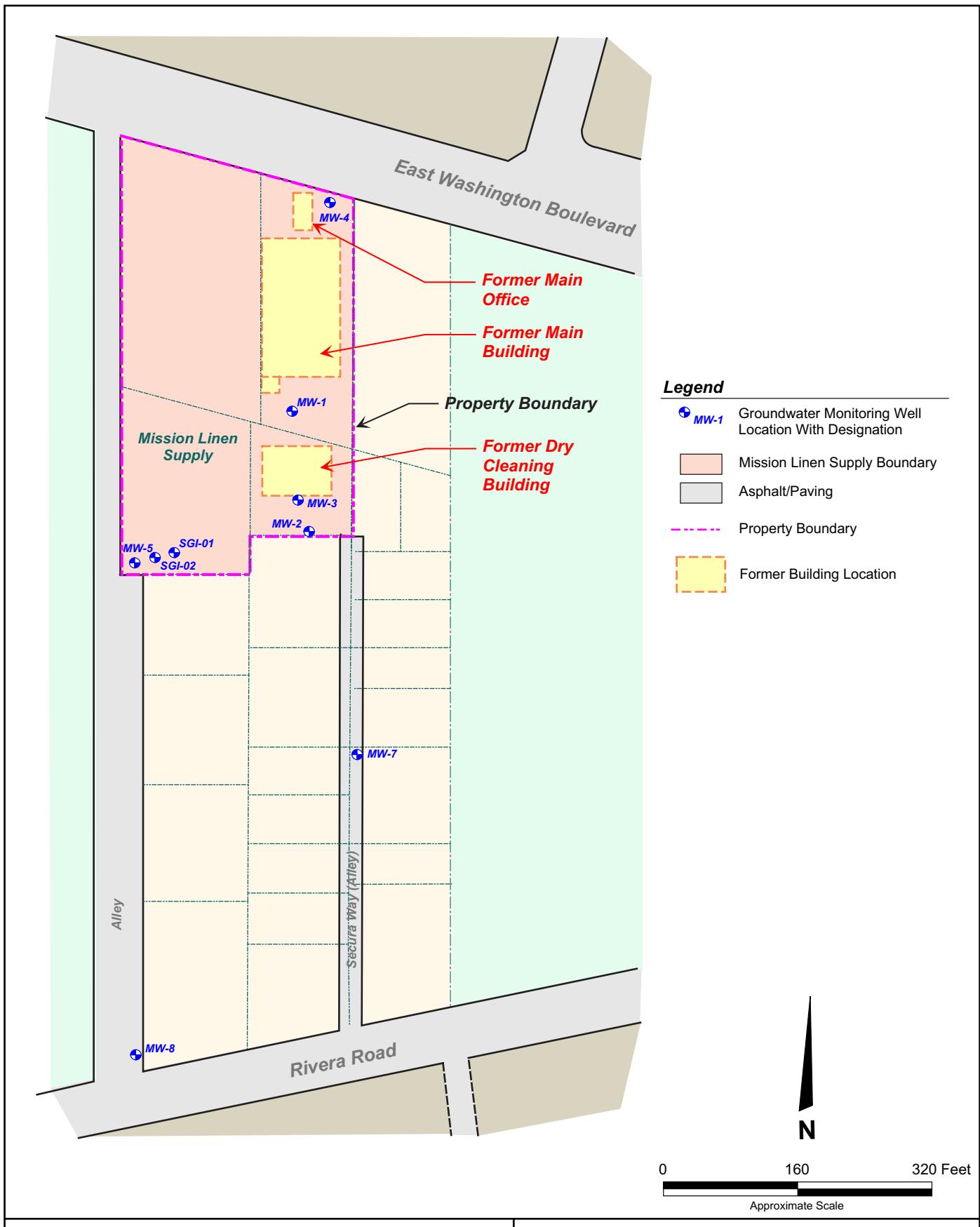
CGC Environmental, Inc.

Project Name: Former Mission Linen Supply Facility - Santa Fe Springs, CA

Date: April 2008

**Site Location Map**  
**Former Mission Linen Supply Facility**  
**Santa Fe Springs, California**

Figure 1



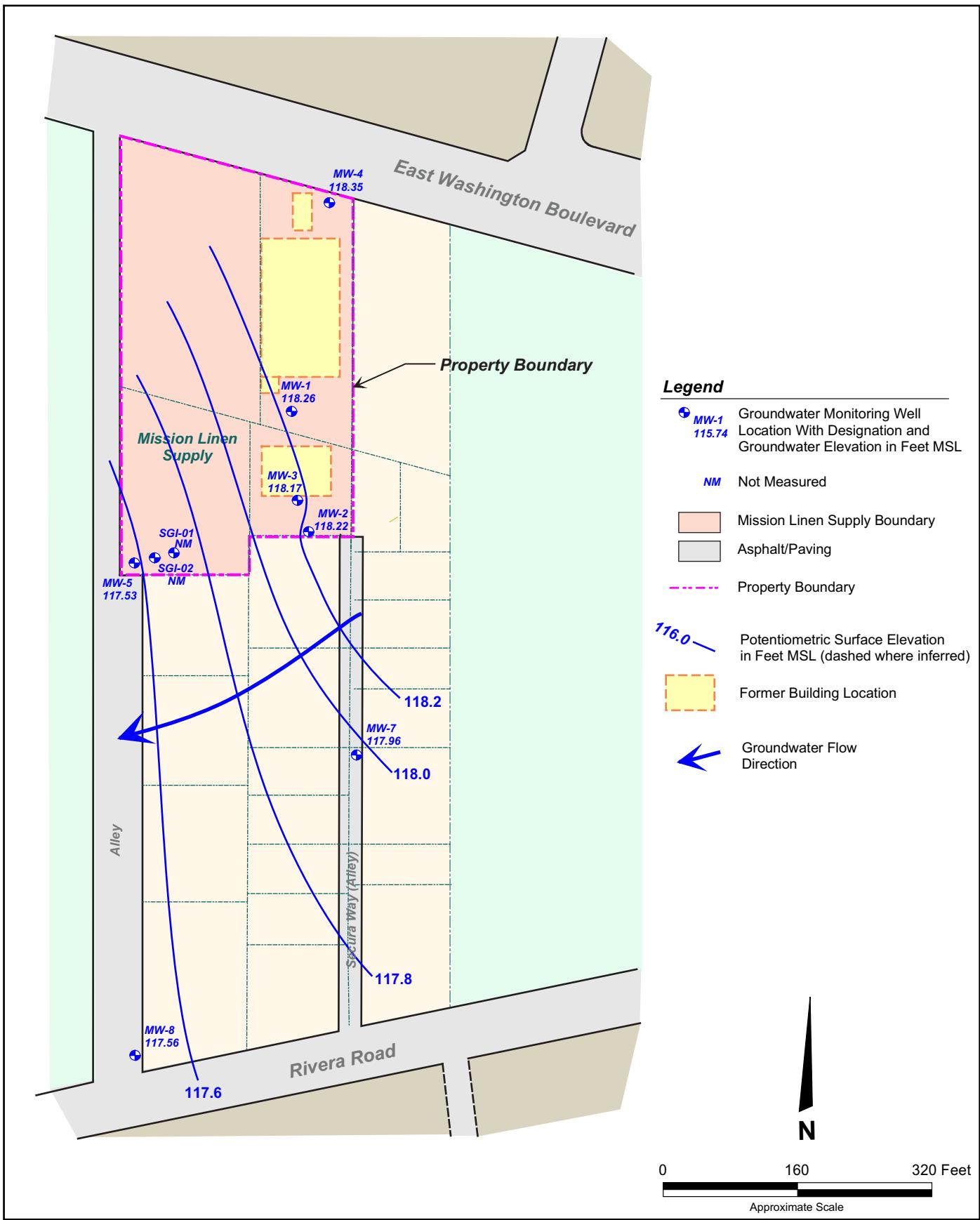
CGC Environmental, Inc.

Project Name: Former Mission Linen Supply Facility - Santa Fe Springs, CA

Date: April 2008

**Site Plan  
Former Mission Linen Supply Facility  
Santa Fe Springs, California**

Figure 2



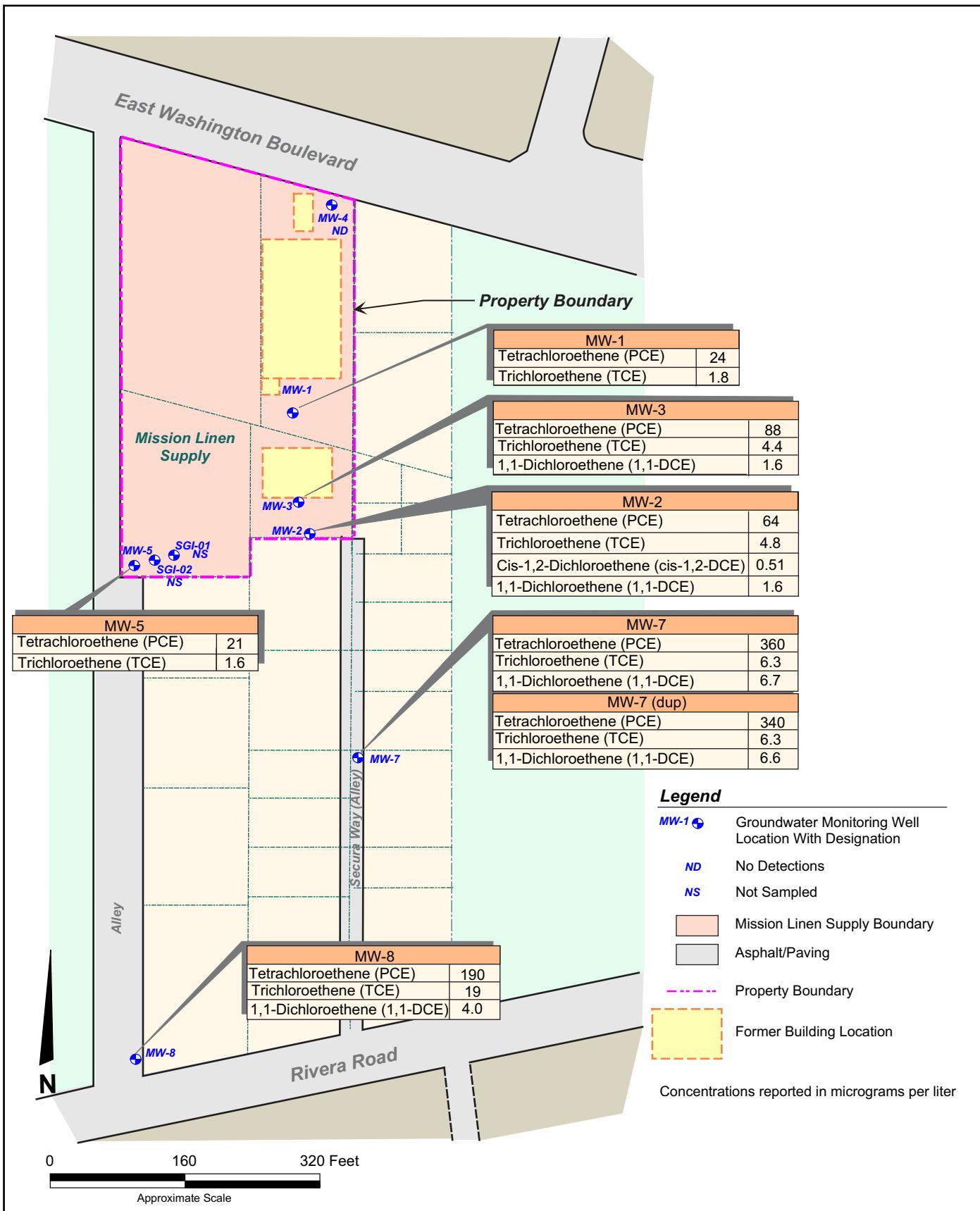
CGC Environmental, Inc.

Project Name: Former Mission Linen Supply Facility - Santa Fe Springs, CA

Date: April 2008

**Groundwater Elevation Contour Map  
(February 2008)  
Former Mission Linen Supply Facility  
Santa Fe Springs, California**

Figure 3



Project Name: Former Mission Linen Supply Facility - Santa Fe Springs, Ca  
Date: April 2008

**Groundwater Analytical Results  
(February 2008)**  
**Former Mission Linen Supply Facility**  
**Santa Fe Springs, California**

Figure 4

## Tables

**Table 1**  
**Monitoring Well Construction Details**  
Former Mission Linen Supply Facility  
Santa Fe Springs, California

Well	Well Diameter (inches)	Total Depth (feet bgs)	Screened Interval (feet bgs)	Top of Casing Elevation (feet msl)
MW-1	4	40	--	153.86
MW-2	4	40	--	153.72
MW-3	4	40	--	152.42
MW-4	2	45	30-45	155.45
MW-5	2	45	30-45	154.90
MW-7	2	45	30-45	152.54
MW-8	2	45	30-45	151.20
SGI-01	2	55	35-55	155.37
SGI-02	4	55	35-55	154.67

Notes:

bgs = below ground surface

msl = mean sea level

-- = data not available

Wells MW-1 through MW-8 surveyed on June 29, 2004; wells SGI-01 and SGI-02 surveyed August 3, 2005;  
wells MW-1 through MW-5 resurveyed on February 9, 2006. All wells surveyed by WM Holdings, Inc.  
to the Los Angeles County Benchmark No. Y-3721 benchmark based on October 1999 survey.

Table based on Rincon July 2004 quarterly report and updated with new survey data.

**Table 2**

**Groundwater Elevations**

February 18, 2008

Former Mission Linen Supply Facility

11904-11920 E. Washington Boulevard, Santa Fe Springs, California

Well	Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW-1	153.86	35.60	118.26
MW-2	153.72	35.50	118.22
MW-3	152.42	34.25	118.17
MW-4	155.45	37.10	118.35
MW-5	154.90	37.37	117.53
MW-7	152.54	34.58	117.96
MW-8	151.20	33.64	117.56
SGI-01	155.37	--	--
SGI-02	154.67	--	--

Notes:

All water level depths are in feet below top of well casing.

All elevations are in feet above mean sea level (msl)

Depth to groundwater not measured in wells SGI-01 and SGI-02; these wells are currently used for remediation testing purposes only.

Table 3

## Groundwater Analytical Results

First Quarter 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Cis-1,2-Dichloroethene (cis-1,2- DCE)	Trans-1,2-Dichloroethene (trans-1,2-DCE)	1,1-Dichloroethene (1,1- DCE)	Vinyl Chloride	Chloroform
MW-1	2/18/2008	<b>24</b>	1.8	<0.5	<0.5	<0.5	<0.5	<1.0
MW-2	2/18/2008	<b>64</b>	4.8	0.51	<0.5	1.6	<0.5	<1.0
MW-3	2/18/2008	<b>88</b>	4.4	<1.0	<1.0	1.6	<1.0	<2
MW-4	2/18/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
MW-5	2/18/2008	<b>21</b>	1.6	<0.5	<0.5	<0.5	<0.5	<1.0
MW-7	2/18/2008	<b>360</b>	<b>6.3</b>	<2.5	<2.5	<b>6.7</b>	<2.5	<5.0
MW-8	2/18/2008	<b>190</b>	<b>19</b>	<2.5	<2.5	4.0	<2.5	<5.0
MW-DUP (MW-7)	2/18/2008	<b>340</b>	<b>6.3</b>	<2.5	<2.5	<b>6.6</b>	<2.5	<5.0
<b>MCL</b>		5	5	6	10	6	0.5	100.0

**Notes:**

All concentrations in micrograms per Liter (ug/L)

&lt; = not detected at the detection limit shown

**Bold** Indicates detection of analyte above MCL

MCL = EPA Region 9 Maximum Contaminant Level for Drinking water

Wells SGI-01 and SGI-02 not sampled during quarterly monitoring; these wells are currently used for remediation testing purposes only. Wells installed March 21, 2005

Table 4

Summary of Duplicate Sample QA/QC Data  
Former Mission Linen Supply Facility  
11904-11920 East Washington Boulevard, Santa Fe Springs, California

Well ID	Date Sampled		Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene (1,1-DCE)
			ug/L <sup>b</sup>	ug/L <sup>b</sup>	ug/L <sup>b</sup>
MW-7	2/18/2008	Sample	360	6.3	6.7
		Duplicate Sample	340	6.3	6.6
		RPD (%) <sup>a</sup>	5.7	0.0	1.5

NOTES:

a. RPD (%) = Relative Percent Difference reported as percent of 100

b. ug/L = Micrograms per Liter

## **Appendix A**

### **Groundwater Monitoring Field Sampling Forms**

## WELL GAUGING DATA

Project # 080218-CH1 Date 7-18-08 Client CGC Environmental

Site 11904 E. Washington Ave., Santa Fe Springs

# LOW FLOW WELL MONITORING DATA SHEET

Project #: 080218-CW	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-18-08
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 39.5'	Depth to Water 35.60
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump      Peristaltic Pump      Bladder Pump  
 Sampling Method: Dedicated Tubing      New Tubing      Other \_\_\_\_\_  
 Flow Rate: 100 mL/min      Pump Depth: 33.5'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
0952 - Began Purge								
0957	19.56	7.11	4496	570	3.04	205.4	500	35.80
1002	20.12	7.14	4650	370	3.49	206.3	1000	35.79
1007	20.85	7.16	4684	227	3.90	206.9	1500	35.79
1012	21.10	7.18	4679	174	3.83	209.4	2000	35.79
1017	21.02	7.18	4681	147	3.79	209.7	2500	35.79

Did well dewater? Yes  Amount actually evacuated: 2500 mL

Sampling Time: 1020 Sampling Date: 2-18-08

Sample I.D.: MW-1 Laboratory: STL-SFO

Analyzed for: VOC's by 8260B Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

## LOW FLOW WELL MONITORING DATA SHEET

Project #: 040218-CM	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-18-08
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 39.69	Depth to Water 35.50
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump      Peristaltic Pump      Bladder Pump  
Sampling Method: Dedicated Tubing      New Tubing      Other \_\_\_\_\_  
Flow Rate: 100 mL/min      Pump Depth: 39"

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW
1401	—	Began Purge	—	—	—	—	—	—
1406	21.62	7.30	2470	395	0.92	1.1	500	35.40
1411	22.27	7.30	2478	787	0.52	4.6	1000	35.40
1416	22.64	7.32	2482	423	0.45	6.9	1500	35.40
1421	22.44	7.33	2484	340	0.42	8.6	2000	35.40
1426	22.60	7.33	2473	327	0.49	9.9	2500	35.40

Did well dewater? Yes  Amount actually evacuated: 2500 ml

Sampling Time: 1430 Sampling Date: 2-18-08

Sample I.D.: MW-2 Laboratory: STL-SFO

Analyzed for: VOC's by 8260B Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

## **LOW FLOW WELL MONITORING DATA SHEET**

Project #: 080218-CM	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-18-08
Well I.D.: MW-3	Well Diameter: 2 3 <input checked="" type="radio"/> 4 6 8
Total Well Depth: 39.53	Depth to Water 34.75
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

## Peristaltic Pump

## New Tubing

## Bladder Pump

#### Other

Flow Rate: 100 mL/min

Pump Depth: 38.5

Did well dewater? Yes  No

Amount actually evacuated: 2500 ml

Sampling Time: 1303

Sampling Date: 2-18-08

Sample I.D.: MW-3

Laboratory: **STL-SFO**

Analyzed for:

VOC's by 8260B

**Other:**

### Equipment Blank I.D.:

@ Time

### Duplicate I.D.:

# LOW FLOW WELL MONITORING DATA SHEET

Project #: 080Z18-Ch1	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-18-08
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8
Total Well Depth: 43.65	Depth to Water <del>43.65</del> 37.10
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump      Peristaltic Pump      Bladder Pump  
Sampling Method: Dedicated Tubing      New Tubing      Other \_\_\_\_\_  
Flow Rate: 100 mL/min      Pump Depth: 41'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	DTW
0904 - Began Purge								
0909	19.86	7.15	1527	71000	5.98	201.9	500	37.13
0914	20.10	7.19	1548	71000	5.78	204.6	1000	37.15
0919	20.19	7.20	1551	684	5.72	205.4	1500	37.14
0924	20.26	7.20	1552	71000	5.69	205.6	2000	37.14

Did well dewater? Yes  No Amount actually evacuated: 2000 ml

Sampling Time: 0925 Sampling Date: 2-18-08

Sample I.D.: MW-4 Laboratory: STL-SFO

Analyzed for: VOC's by 8260B Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

## **LOW FLOW WELL MONITORING DATA SHEET**

Project #: 0802146-CM	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-19-08
Well I.D.: MW-5	Well Diameter: ② 3 4 6 8
Total Well Depth: 54.10	Depth to Water 37.37
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump

Sampling Method: Dedicated Tubing

## Peristaltic Pump

## New Tubing

## Bladder Pump

### Other

Flow Rate: 100  $\mu\text{L}/\text{min}$

Pump Depth: 57

Did well dewater? Yes

No

Amount actually evacuated: 2000 ml

Sampling Time: 1340

Sampling Date: 2-18-08

Sample I.D.: Mw-5

### Laboratory:

Analyzed for:

VOC's by 8260B

### Other:

### Equipment Blank LD

Time

Duplicate I.D.:

## LOW FLOW WELL MONITORING DATA SHEET

Project #: 080218-CM	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-18-08
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8
Total Well Depth: 42.50	Depth to Water 34.58
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump      Peristaltic Pump      Bladder Pump  
 Sampling Method: Dedicated Tubing      New tubing      Other \_\_\_\_\_  
 Flow Rate: 100 mL/min      Pump Depth: 41'

Time	Temp. °C or °F	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or ml)	DTW
1139	— Begun Purge							
1144	22.12	7.32	1602	507	5.22	143.8	500	34.58
1149	24.20	7.29	1625	285	4.88	126.6	1000	34.58
1154	24.69	7.29	1635	147	4.80	113.0	1500	34.58
1159	24.48	7.28	1633	86	4.87	108.2	2000	34.58
1204	24.46	7.29	1635	72	4.89	105.0	2500	34.58

Did well dewater? Yes  No Amount actually evacuated: 2500 ml

Sampling Time: 1205 Sampling Date: 2-18-08

Sample I.D.: MW-7 Laboratory: STL-SFO

Analyzed for: VOC's by 8260B Other:

Equipment Blank I.D.: @ Time Duplicate I.D.: MW-DUP @ 1215

## LOW FLOW WELL MONITORING DATA SHEET

Project #: 090218-CM1	Client: CGC Environmental, Inc.
Sampler: CM	Start Date: 2-18-08
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 44.40	Depth to Water 33.64
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump  
Sampling Method: Dedicated Tubing

## Peristaltic Pump New Tubing

Bladder Pump  
Other

Flow Rate: 100  $\mu$ L/min

Pump Depth: 43'

Did well dewater? Yes

No

Amount actually evacuated: 2500 ml

Sampling Time: 1173

Sampling Date: 2-18-08

Sample I.D.: MW - 8

### Laboratory:

Analyzed for:

VOC's by 8260B

**Other:**

Equipment Blank I.D.:

Time

Duplicate I.D.:

**BLAINE**  
TECH SERVICES, INC.

1680 ROGERS AVENUE  
SAN JOSE, CALIFORNIA 95112-1105  
FAX (408) 573-7771  
PHONE (408) 573-0555

CHAIN OF CUSTODY  
BTS # 0802(8-CM)

CLIENT CGC Environmental, Inc.  
SITE Mission Linen Supply  
11904-11920 East Washington Blvd.  
Santa Fe Springs, CA

SAMPLE I.D.	DATE	TIME	MATRIX	CONTAINERS		VOCs (8260B)
				LOS	TOTAL	
MW-1	2-18-08	1020	W	3	Vac	X
MW-2		1430				X
MW-3		1303				X
MW-4		0925				X
MW-5		1340				X
MW-7		1205				X
MW-8		1123				X
MW-DUP		1215	↓	↓		X

CONDUCT ANALYSIS TO DETECT

LAB

Test America (STL)

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION

LIMITS SET BY CALIFORNIA DHS AND

EPA

LIA

OTHER

SPECIAL INSTRUCTIONS

Invoice and Report to : CGC Environmental, Inc.

Attn: Norman Colby

Global I.D.#

SL2041B1503

Forward samples to STL - San Francisco Lab (ASAP)

Attn: Afsaneh

ADDL INFORMATION STATUS CONDITION LAB SAMPLE #

C = COMPOSITE ALL CONTAINERS

VOCs (8260B)

RESULTS NEEDED  
NO LATER THAN

As Contracted

RECEIVED BY DATE TIME

SHIPPED VIA

# WELLHEAD INSPECTION CHECKLIST

Page 1 of 1

Client CGC Environmental

Date 7-18-08

Site Address 11904 E. Washington Ave., Santa Fe Springs

Job Number 080718-CHI

Technician CM

NOTES: MW-1 & MW-3 missing 1 bolt

MW-8 entire lid/apron is loose, tabs destroyed

Site is overgrown w/ vegetation!

## TEST EQUIPMENT CALIBRATION LOG

# SPH or Purge Water Drum Log

Client: CGC Environmental  
 Site Address: 11904 E Washington Blvd, Santa Fe Springs

## STATUS OF DRUM(S) UPON ARRIVAL

Date	11-12-07	2-18-08			
Number of drum(s) empty:	2	1			
Number of drum(s) 1/4 full:	2	0			
Number of drum(s) 1/2 full:	-	0			
Number of drum(s) 3/4 full:	2	0			
Number of drum(s) full:	-	5			
Total drum(s) on site:	6	6			
Are the drum(s) properly labeled?	Yes	<i>Purge water</i>			
Drum ID & Contents:	D-1, D-2, D-3 D-4 <i>Purged H2O</i>	<i>Labeled</i>			
If any drum(s) are partially or totally filled, what is the first use date:					

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

- If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

- All BTS drums MUST be labeled appropriately.

## STATUS OF DRUM(S) UPON DEPARTURE

Date	11-12-07	2-18-08			
Number of drums empty:	2	1			
Number of drum(s) 1/4 full:	1	0			
Number of drum(s) 1/2 full:	1	1			
Number of drum(s) 3/4 full:	2	0			
Number of drum(s) full:	-	5			
Total drum(s) on site:	6	7			
Are the drum(s) properly labeled?	Yes	Yes			
Drum ID & Contents:	D-1, D-2, D-3, D-4 <i>Purged H2O</i>	<i>Purged H2O</i>			

## LOCATION OF DRUM(S)

Describe location of drum(s): Inside remedial compound

## FINAL STATUS

Number of new drum(s) left on site this event	<i>Ø</i>	1			
Date of inspection:	11-12-07	7-18-08			
Drum(s) labelled properly:	Yes	Yes			
Logged by BTS Field Tech:	<i>aw</i>	<i>cm</i>			
Office reviewed by:					

## **Appendix B**

### **Laboratory Data and Chain of Custody Records**

## ANALYTICAL REPORT

Job Number: 720-13102-1

Job Description: Mission Linen/Santa Fe Springs

For:  
CGC Environmental, Inc.  
16596 Tiburon Place  
Huntington Beach, CA 92649  
Attention: Ms. Karen Colby



---

Afsaneh Salimpour  
Project Manager I  
afsaneh.salimpour@testamericainc.com  
02/29/2008

cc: Mr. Norm Colby

## EXECUTIVE SUMMARY - Detections

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-13102-1</b>	<b>MW-1</b>				
Tetrachloroethene		24	0.50	ug/L	8260B
Trichloroethene		1.8	0.50	ug/L	8260B
<b>720-13102-2</b>	<b>MW-2</b>				
1,1-Dichloroethene		1.6	0.50	ug/L	8260B
cis-1,2-Dichloroethene		0.51	0.50	ug/L	8260B
Tetrachloroethene		64	0.50	ug/L	8260B
Trichloroethene		4.8	0.50	ug/L	8260B
<b>720-13102-3</b>	<b>MW-3</b>				
1,1-Dichloroethene		1.6	1.0	ug/L	8260B
Tetrachloroethene		88	1.0	ug/L	8260B
Trichloroethene		4.4	1.0	ug/L	8260B
<b>720-13102-5</b>	<b>MW-5</b>				
Tetrachloroethene		21	0.50	ug/L	8260B
Trichloroethene		1.6	0.50	ug/L	8260B
<b>720-13102-6</b>	<b>MW-7</b>				
1,1-Dichloroethene		6.7	2.5	ug/L	8260B
Tetrachloroethene		360	2.5	ug/L	8260B
Trichloroethene		6.3	2.5	ug/L	8260B
<b>720-13102-7</b>	<b>MW-8</b>				
1,1-Dichloroethene		4.0	2.5	ug/L	8260B
Tetrachloroethene		190	2.5	ug/L	8260B
Trichloroethene		19	2.5	ug/L	8260B
<b>720-13102-8</b>	<b>MW-DUP</b>				
1,1-Dichloroethene		6.6	2.5	ug/L	8260B
Tetrachloroethene		340	2.5	ug/L	8260B
Trichloroethene		6.3	2.5	ug/L	8260B

## METHOD SUMMARY

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Description	Lab Location	Method	Preparation Method
<b>Matrix: Water</b>			
Volatile Organic Compounds by GC/MS (Low Level) Purge-and-Trap	TAL SF TAL SF	SW846 8260B SW846 5030B	

**Lab References:**

TAL SF = TestAmerica San Francisco

**Method References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 8260B	Chen, Amy	AC

## SAMPLE SUMMARY

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-13102-1	MW-1	Water	02/18/2008 1020	02/20/2008 0935
720-13102-2	MW-2	Water	02/18/2008 1430	02/20/2008 0935
720-13102-3	MW-3	Water	02/18/2008 1303	02/20/2008 0935
720-13102-4	MW-4	Water	02/18/2008 0925	02/20/2008 0935
720-13102-5	MW-5	Water	02/18/2008 1340	02/20/2008 0935
720-13102-6	MW-7	Water	02/18/2008 1205	02/20/2008 0935
720-13102-7	MW-8	Water	02/18/2008 1123	02/20/2008 0935
720-13102-8	MW-DUP	Water	02/18/2008 1215	02/20/2008 0935

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-1

Lab Sample ID: 720-13102-1

Client Matrix: Water

Date Sampled: 02/18/2008 1020

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 1253			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 1253				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-1

Lab Sample ID: 720-13102-1

Date Sampled: 02/18/2008 1020

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 1253			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 1253				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	24		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	1.8		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	102		71 - 139
1,2-Dichloroethane-d4 (Surr)	103		62 - 118
Toluene-d8 (Surr)	103		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-2

Lab Sample ID: 720-13102-2

Client Matrix: Water

Date Sampled: 02/18/2008 1430

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1531			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1531				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	1.6		0.50
cis-1,2-Dichloroethene	0.51		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-2

Lab Sample ID: 720-13102-2

Date Sampled: 02/18/2008 1430

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1531			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1531				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	64		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	4.8		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	104		71 - 139
1,2-Dichloroethane-d4 (Surr)	101		62 - 118
Toluene-d8 (Surr)	99		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-3

Lab Sample ID: 720-13102-3

Client Matrix: Water

Date Sampled: 02/18/2008 1303

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	2.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 2026			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 2026				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		10
Acetone	ND		100
Benzene	ND		1.0
Dichlorobromomethane	ND		1.0
Bromobenzene	ND		2.0
Chlorobromomethane	ND		2.0
Bromoform	ND		2.0
Bromomethane	ND		2.0
2-Butanone (MEK)	ND		100
n-Butylbenzene	ND		2.0
sec-Butylbenzene	ND		2.0
tert-Butylbenzene	ND		2.0
Carbon disulfide	ND		10
Carbon tetrachloride	ND		1.0
Chlorobenzene	ND		1.0
Chloroethane	ND		2.0
Chloroform	ND		2.0
Chloromethane	ND		2.0
2-Chlorotoluene	ND		1.0
4-Chlorotoluene	ND		1.0
Chlorodibromomethane	ND		1.0
1,2-Dichlorobenzene	ND		1.0
1,3-Dichlorobenzene	ND		1.0
1,4-Dichlorobenzene	ND		1.0
1,3-Dichloropropane	ND		2.0
1,1-Dichloropropene	ND		1.0
1,2-Dibromo-3-Chloropropane	ND		2.0
Ethylene Dibromide	ND		1.0
Dibromomethane	ND		1.0
Dichlorodifluoromethane	ND		1.0
1,1-Dichloroethane	ND		1.0
1,2-Dichloroethane	ND		1.0
1,1-Dichloroethene	1.6		1.0
cis-1,2-Dichloroethene	ND		1.0
trans-1,2-Dichloroethene	ND		1.0
1,2-Dichloropropane	ND		1.0
cis-1,3-Dichloropropene	ND		1.0
trans-1,3-Dichloropropene	ND		1.0
Ethylbenzene	ND		1.0
Hexachlorobutadiene	ND		2.0
2-Hexanone	ND		100
Isopropylbenzene	ND		1.0
4-Isopropyltoluene	ND		2.0
Methylene Chloride	ND		10

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-3

Lab Sample ID: 720-13102-3

Date Sampled: 02/18/2008 1303

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	2.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 2026			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 2026				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		100
Naphthalene	ND		2.0
N-Propylbenzene	ND		2.0
Styrene	ND		1.0
1,1,1,2-Tetrachloroethane	ND		1.0
1,1,2,2-Tetrachloroethane	ND		1.0
Tetrachloroethene	88		1.0
Toluene	ND		1.0
1,2,3-Trichlorobenzene	ND		2.0
1,2,4-Trichlorobenzene	ND		2.0
1,1,1-Trichloroethane	ND		1.0
1,1,2-Trichloroethane	ND		1.0
Trichloroethene	4.4		1.0
Trichlorofluoromethane	ND		2.0
1,2,3-Trichloropropane	ND		1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0
1,2,4-Trimethylbenzene	ND		1.0
1,3,5-Trimethylbenzene	ND		1.0
Vinyl acetate	ND		100
Vinyl chloride	ND		1.0
Xylenes, Total	ND		2.0
2,2-Dichloropropane	ND		1.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	106		71 - 139
1,2-Dichloroethane-d4 (Surr)	101		62 - 118
Toluene-d8 (Surr)	102		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-4

Lab Sample ID: 720-13102-4

Client Matrix: Water

Date Sampled: 02/18/2008 0925

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 1327			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 1327				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

**Client Sample ID:** MW-4

Lab Sample ID: 720-13102-4

Date Sampled: 02/18/2008 0925

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 1327			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 1327				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	104		71 - 139
1,2-Dichloroethane-d4 (Surr)	106		62 - 118
Toluene-d8 (Surr)	103		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-5

Lab Sample ID: 720-13102-5

Client Matrix: Water

Date Sampled: 02/18/2008 1340

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 1919			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 1919				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-5

Lab Sample ID: 720-13102-5

Date Sampled: 02/18/2008 1340

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32471	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	1.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/28/2008 1919			Final Weight/Volume:	40 mL
Date Prepared:	02/28/2008 1919				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	21		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	1.6		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	106		71 - 139
1,2-Dichloroethane-d4 (Surr)	105		62 - 118
Toluene-d8 (Surr)	103		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-7

Lab Sample ID: 720-13102-6

Client Matrix: Water

Date Sampled: 02/18/2008 1205

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1604			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1604				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		25
Acetone	ND		250
Benzene	ND		2.5
Dichlorobromomethane	ND		2.5
Bromobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Bromoform	ND		5.0
Bromomethane	ND		5.0
2-Butanone (MEK)	ND		250
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		25
Carbon tetrachloride	ND		2.5
Chlorobenzene	ND		2.5
Chloroethane	ND		5.0
Chloroform	ND		5.0
Chloromethane	ND		5.0
2-Chlorotoluene	ND		2.5
4-Chlorotoluene	ND		2.5
Chlorodibromomethane	ND		2.5
1,2-Dichlorobenzene	ND		2.5
1,3-Dichlorobenzene	ND		2.5
1,4-Dichlorobenzene	ND		2.5
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		2.5
Dibromomethane	ND		2.5
Dichlorodifluoromethane	ND		2.5
1,1-Dichloroethane	ND		2.5
1,2-Dichloroethane	ND		2.5
1,1-Dichloroethene	6.7		2.5
cis-1,2-Dichloroethene	ND		2.5
trans-1,2-Dichloroethene	ND		2.5
1,2-Dichloropropane	ND		2.5
cis-1,3-Dichloropropene	ND		2.5
trans-1,3-Dichloropropene	ND		2.5
Ethylbenzene	ND		2.5
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		250
Isopropylbenzene	ND		2.5
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		25

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-7

Lab Sample ID: 720-13102-6

Date Sampled: 02/18/2008 1205

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1604			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1604				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		250
Naphthalene	ND		5.0
N-Propylbenzene	ND		5.0
Styrene	ND		2.5
1,1,1,2-Tetrachloroethane	ND		2.5
1,1,2,2-Tetrachloroethane	ND		2.5
Tetrachloroethene	360		2.5
Toluene	ND		2.5
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		2.5
1,1,2-Trichloroethane	ND		2.5
Trichloroethene	6.3		2.5
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5
1,2,4-Trimethylbenzene	ND		2.5
1,3,5-Trimethylbenzene	ND		2.5
Vinyl acetate	ND		250
Vinyl chloride	ND		2.5
Xylenes, Total	ND		5.0
2,2-Dichloropropane	ND		2.5
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	101		71 - 139
1,2-Dichloroethane-d4 (Surr)	99		62 - 118
Toluene-d8 (Surr)	100		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-8

Lab Sample ID: 720-13102-7

Client Matrix: Water

Date Sampled: 02/18/2008 1123

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1638			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1638				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		25
Acetone	ND		250
Benzene	ND		2.5
Dichlorobromomethane	ND		2.5
Bromobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Bromoform	ND		5.0
Bromomethane	ND		5.0
2-Butanone (MEK)	ND		250
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		25
Carbon tetrachloride	ND		2.5
Chlorobenzene	ND		2.5
Chloroethane	ND		5.0
Chloroform	ND		5.0
Chloromethane	ND		5.0
2-Chlorotoluene	ND		2.5
4-Chlorotoluene	ND		2.5
Chlorodibromomethane	ND		2.5
1,2-Dichlorobenzene	ND		2.5
1,3-Dichlorobenzene	ND		2.5
1,4-Dichlorobenzene	ND		2.5
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		2.5
Dibromomethane	ND		2.5
Dichlorodifluoromethane	ND		2.5
1,1-Dichloroethane	ND		2.5
1,2-Dichloroethane	ND		2.5
1,1-Dichloroethene	4.0		2.5
cis-1,2-Dichloroethene	ND		2.5
trans-1,2-Dichloroethene	ND		2.5
1,2-Dichloropropane	ND		2.5
cis-1,3-Dichloropropene	ND		2.5
trans-1,3-Dichloropropene	ND		2.5
Ethylbenzene	ND		2.5
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		250
Isopropylbenzene	ND		2.5
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		25

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-8

Lab Sample ID: 720-13102-7

Date Sampled: 02/18/2008 1123

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1638			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1638				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		250
Naphthalene	ND		5.0
N-Propylbenzene	ND		5.0
Styrene	ND		2.5
1,1,1,2-Tetrachloroethane	ND		2.5
1,1,2,2-Tetrachloroethane	ND		2.5
Tetrachloroethene	190		2.5
Toluene	ND		2.5
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		2.5
1,1,2-Trichloroethane	ND		2.5
Trichloroethene	19		2.5
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5
1,2,4-Trimethylbenzene	ND		2.5
1,3,5-Trimethylbenzene	ND		2.5
Vinyl acetate	ND		250
Vinyl chloride	ND		2.5
Xylenes, Total	ND		5.0
2,2-Dichloropropane	ND		2.5
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	102		71 - 139
1,2-Dichloroethane-d4 (Surr)	102		62 - 118
Toluene-d8 (Surr)	102		73 - 117

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-DUP

Lab Sample ID: 720-13102-8

Client Matrix: Water

Date Sampled: 02/18/2008 1215

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1711			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1711				

Analyte	Result (ug/L)	Qualifier	RL
Methyl tert-butyl ether	ND		25
Acetone	ND		250
Benzene	ND		2.5
Dichlorobromomethane	ND		2.5
Bromobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Bromoform	ND		5.0
Bromomethane	ND		5.0
2-Butanone (MEK)	ND		250
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		25
Carbon tetrachloride	ND		2.5
Chlorobenzene	ND		2.5
Chloroethane	ND		5.0
Chloroform	ND		5.0
Chloromethane	ND		5.0
2-Chlorotoluene	ND		2.5
4-Chlorotoluene	ND		2.5
Chlorodibromomethane	ND		2.5
1,2-Dichlorobenzene	ND		2.5
1,3-Dichlorobenzene	ND		2.5
1,4-Dichlorobenzene	ND		2.5
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		2.5
1,2-Dibromo-3-Chloropropane	ND		5.0
Ethylene Dibromide	ND		2.5
Dibromomethane	ND		2.5
Dichlorodifluoromethane	ND		2.5
1,1-Dichloroethane	ND		2.5
1,2-Dichloroethane	ND		2.5
1,1-Dichloroethene	6.6		2.5
cis-1,2-Dichloroethene	ND		2.5
trans-1,2-Dichloroethene	ND		2.5
1,2-Dichloropropane	ND		2.5
cis-1,3-Dichloropropene	ND		2.5
trans-1,3-Dichloropropene	ND		2.5
Ethylbenzene	ND		2.5
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		250
Isopropylbenzene	ND		2.5
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		25

## Analytical Data

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

Client Sample ID: MW-DUP

Lab Sample ID: 720-13102-8

Date Sampled: 02/18/2008 1215

Client Matrix: Water

Date Received: 02/20/2008 0935

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch:	720-32519	Instrument ID:	Varian 3900F
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200802\02
Dilution:	5.0			Initial Weight/Volume:	40 mL
Date Analyzed:	02/29/2008 1711			Final Weight/Volume:	40 mL
Date Prepared:	02/29/2008 1711				

Analyte	Result (ug/L)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)	ND		250
Naphthalene	ND		5.0
N-Propylbenzene	ND		5.0
Styrene	ND		2.5
1,1,1,2-Tetrachloroethane	ND		2.5
1,1,2,2-Tetrachloroethane	ND		2.5
Tetrachloroethene	340		2.5
Toluene	ND		2.5
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		2.5
1,1,2-Trichloroethane	ND		2.5
Trichloroethene	6.3		2.5
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5
1,2,4-Trimethylbenzene	ND		2.5
1,3,5-Trimethylbenzene	ND		2.5
Vinyl acetate	ND		250
Vinyl chloride	ND		2.5
Xylenes, Total	ND		5.0
2,2-Dichloropropane	ND		2.5
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	101		71 - 139
1,2-Dichloroethane-d4 (Surr)	103		62 - 118
Toluene-d8 (Surr)	104		73 - 117

## **DATA REPORTING QUALIFIERS**

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-32471</b>					
LCS 720-32471/2	Lab Control Spike	T	Water	8260B	
LCSD 720-32471/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-32471/3	Method Blank	T	Water	8260B	
720-13102-1	MW-1	T	Water	8260B	
720-13102-1MS	Matrix Spike	T	Water	8260B	
720-13102-1MSD	Matrix Spike Duplicate	T	Water	8260B	
720-13102-3	MW-3	T	Water	8260B	
720-13102-4	MW-4	T	Water	8260B	
720-13102-5	MW-5	T	Water	8260B	
<b>Analysis Batch:720-32519</b>					
LCS 720-32519/2	Lab Control Spike	T	Water	8260B	
LCSD 720-32519/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-32519/3	Method Blank	T	Water	8260B	
720-13102-2	MW-2	T	Water	8260B	
720-13102-6	MW-7	T	Water	8260B	
720-13102-7	MW-8	T	Water	8260B	
720-13102-8	MW-DUP	T	Water	8260B	

#### Report Basis

T = Total

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Method Blank - Batch: 720-32471

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-32471/3

Analysis Batch: 720-32471

Instrument ID: Varian 3900F

Client Matrix: Water

Prep Batch: N/A

Lab File ID: c:\saturnws\data\200802\02

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 40 mL

Date Analyzed: 02/28/2008 1113

Final Weight/Volume: 40 mL

Date Prepared: 02/28/2008 1113

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Method Blank - Batch: 720-32471

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-32471/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 02/28/2008 1113  
Date Prepared: 02/28/2008 1113

Analysis Batch: 720-32471  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900F  
Lab File ID: c:\saturnws\data\200802\02  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	103	71 - 139	
1,2-Dichloroethane-d4 (Surr)	98	62 - 118	
Toluene-d8 (Surr)	103	73 - 117	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-32471

Method: 8260B  
Preparation: 5030B

LCS Lab Sample ID: LCS 720-32471/2	Analysis Batch: 720-32471	Instrument ID: Varian 3900F
Client Matrix: Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200802\0\
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 40 mL
Date Analyzed: 02/28/2008 1007		Final Weight/Volume: 40 mL
Date Prepared: 02/28/2008 1007		

LCSD Lab Sample ID: LCSD 720-32471/1	Analysis Batch: 720-32471	Instrument ID: Varian 3900F
Client Matrix: Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200802\022
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 40 mL
Date Analyzed: 02/28/2008 1040		Final Weight/Volume: 40 mL
Date Prepared: 02/28/2008 1040		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	92	90	69 - 129	2	20		
Chlorobenzene	104	98	61 - 121	6	20		
1,1-Dichloroethene	96	94	65 - 125	2	20		
Toluene	93	92	70 - 130	1	20		
Trichloroethene	91	88	74 - 134	4	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	97		98		71 - 139		
1,2-Dichloroethane-d4 (Surr)	94		97		62 - 118		
Toluene-d8 (Surr)	95		98		73 - 117		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 720-32471

**Method: 8260B**  
**Preparation: 5030B**

MS Lab Sample ID: 720-13102-1      Analysis Batch: 720-32471  
Client Matrix: Water      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 02/28/2008 1812  
Date Prepared: 02/28/2008 1812

Instrument ID: Varian 3900F  
Lab File ID: c:\saturnws\data\200802\  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

MSD Lab Sample ID: 720-13102-1      Analysis Batch: 720-32471  
Client Matrix: Water      Prep Batch: N/A  
Dilution: 1.0  
Date Analyzed: 02/28/2008 1846  
Date Prepared: 02/28/2008 1846

Instrument ID: Varian 3900F  
Lab File ID: c:\saturnws\data\200802\02  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	95	99	69 - 129	4	20		
Chlorobenzene	103	107	61 - 121	4	20		
1,1-Dichloroethene	88	89	65 - 125	1	20		
Toluene	94	95	70 - 130	0	20		
Trichloroethene	92	97	74 - 134	5	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	94		94		71 - 139		
1,2-Dichloroethane-d4 (Surr)	99		93		62 - 118		
Toluene-d8 (Surr)	94		88		73 - 117		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Method Blank - Batch: 720-32519

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-32519/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 02/29/2008 1031  
Date Prepared: 02/29/2008 1031

Analysis Batch: 720-32519  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900F  
Lab File ID: c:\saturnws\data\200802\02  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		0.50
Dichlorobromomethane	ND		0.50
Bromobenzene	ND		1.0
Chlorobromomethane	ND		1.0
Bromoform	ND		1.0
Bromomethane	ND		1.0
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		1.0
sec-Butylbenzene	ND		1.0
tert-Butylbenzene	ND		1.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		0.50
Chlorobenzene	ND		0.50
Chloroethane	ND		1.0
Chloroform	ND		1.0
Chloromethane	ND		1.0
2-Chlorotoluene	ND		0.50
4-Chlorotoluene	ND		0.50
Chlorodibromomethane	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,3-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
1,3-Dichloropropane	ND		1.0
1,1-Dichloropropene	ND		0.50
1,2-Dibromo-3-Chloropropane	ND		1.0
Ethylene Dibromide	ND		0.50
Dibromomethane	ND		0.50
Dichlorodifluoromethane	ND		0.50
1,1-Dichloroethane	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1-Dichloroethene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloropropane	ND		0.50
cis-1,3-Dichloropropene	ND		0.50
trans-1,3-Dichloropropene	ND		0.50
Ethylbenzene	ND		0.50
Hexachlorobutadiene	ND		1.0
2-Hexanone	ND		50

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Method Blank - Batch: 720-32519

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-32519/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 02/29/2008 1031  
Date Prepared: 02/29/2008 1031

Analysis Batch: 720-32519  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900F  
Lab File ID: c:\saturnws\data\200802\02  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		0.50
4-Isopropyltoluene	ND		1.0
Methylene Chloride	ND		5.0
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		1.0
N-Propylbenzene	ND		1.0
Styrene	ND		0.50
1,1,1,2-Tetrachloroethane	ND		0.50
1,1,2,2-Tetrachloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Toluene	ND		0.50
1,2,3-Trichlorobenzene	ND		1.0
1,2,4-Trichlorobenzene	ND		1.0
1,1,1-Trichloroethane	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Trichloroethene	ND		0.50
Trichlorofluoromethane	ND		1.0
1,2,3-Trichloropropane	ND		0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50
1,2,4-Trimethylbenzene	ND		0.50
1,3,5-Trimethylbenzene	ND		0.50
Vinyl acetate	ND		50
Vinyl chloride	ND		0.50
Xylenes, Total	ND		1.0
2,2-Dichloropropane	ND		0.50
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	103	71 - 139	
1,2-Dichloroethane-d4 (Surr)	103	62 - 118	
Toluene-d8 (Surr)	106	73 - 117	

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

### Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 720-32519

Method: 8260B  
Preparation: 5030B

LCS Lab Sample ID: LCS 720-32519/2	Analysis Batch: 720-32519	Instrument ID: Varian 3900F
Client Matrix: Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200802\0\
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 40 mL
Date Analyzed: 02/29/2008 0924		Final Weight/Volume: 40 mL
Date Prepared: 02/29/2008 0924		

LCSD Lab Sample ID: LCSD 720-32519/1	Analysis Batch: 720-32519	Instrument ID: Varian 3900F
Client Matrix: Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200802\022
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 40 mL
Date Analyzed: 02/29/2008 0957		Final Weight/Volume: 40 mL
Date Prepared: 02/29/2008 0957		

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
Benzene	96	92	69 - 129	4	20	
Chlorobenzene	103	99	61 - 121	4	20	
1,1-Dichloroethene	100	95	65 - 125	5	20	
Toluene	99	89	70 - 130	10	20	
Trichloroethene	92	88	74 - 134	4	20	
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits	
4-Bromofluorobenzene	97		99		71 - 139	
1,2-Dichloroethane-d4 (Surr)	90		99		62 - 118	
Toluene-d8 (Surr)	96		97		73 - 117	

Calculations are performed before rounding to avoid round-off errors in calculated results.



## Login Sample Receipt Check List

Client: CGC Environmental, Inc.

Job Number: 720-13102-1

**Login Number: 13102**

**Creator: Mullen, Joan**

**List Number: 1**

**List Source: TestAmerica San Francisco**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

## **Appendix C**

### **Historical Groundwater Elevations**

Table C-1

**Historical Groundwater Elevations**  
 December 2000 through February 2008  
 Former Mission Linen Supply Facility  
 11904-11920 E. Washington Boulevard, Santa Fe Springs, California

Well	Casing Elevation <sup>1</sup> (Feet)	Date	Groundwater Depth (Feet) <sup>2</sup>	Groundwater Elevation (Feet msl) <sup>3</sup>
MW-1	151.60	12/5/2000	26.56	125.04
		3/15/2001	25.50	126.10
		6/19/2001	24.27	127.33
		9/24/2001	28.06	123.54
		11/20/2001	29.30	122.30
		3/12/2002	26.65	124.95
		5/23/2002	28.17	123.43
		9/4/2002	31.40	120.20
		12/12/2002	32.64	118.96
		2/26/2003	30.91	120.69
		6/5/2003	28.78	122.82
		8/27/2003	32.48	119.12
		12/9/2003	35.86	115.74
		2/24/2004	36.71	114.89
		6/29/2004	37.35	116.51
		8/12/2004	38.12	115.74
		11/15/2004	Dry	Dry
		3/7/2005	38.48	115.38
		5/23/2005	31.49	122.37
		8/11/2005	29.25	124.61
		12/2/2005	30.62	123.24
		2/9/2006	30.39	123.47
		5/11/2006	28.23	125.63
		8/30/2006	29.04	124.82
		11/9/2006	30.90	122.96
		2/21/2007	30.38	123.48
		5/22/2007	28.58	125.28
		8/28/2007	31.78	122.08
		11/12/2007	34.75	119.11
		2/18/2008	35.60	118.26
MW-2	151.38	12/5/2000	26.47	124.91
		3/15/2001	25.40	125.98
		6/19/2001	24.20	127.18
		9/24/2001	27.94	123.44
		11/20/2001	29.35	122.03
		3/12/2002	26.58	124.80
		5/23/2002	28.11	123.27
		9/4/2002	31.40	119.98
		12/12/2002	32.51	118.87
		2/26/2003	30.82	120.56
		6/5/2003	28.71	122.67
		8/27/2003	32.32	119.06
		12/9/2003	35.67	115.71
		2/24/2004	36.56	114.82
		6/29/2004	37.20	116.52
		8/12/2004	37.92	115.80
		11/15/2004	Dry	Dry
		3/7/2005	38.27	115.45
		5/23/2005	31.25	122.47
		8/11/2005	29.18	124.54
		12/2/2005	30.42	123.30
		2/9/2006	30.27	123.45
		5/11/2006	28.14	125.58
		8/30/2006	29.01	124.71
		11/9/2006	30.35	123.37
		2/21/2007	30.16	123.56
		5/22/2007	28.46	125.26
		8/28/2007	31.61	122.11
		11/12/2007	34.44	119.28
		2/18/2008	35.50	118.22

Table C-1

**Historical Groundwater Elevations**  
 December 2000 through February 2008  
 Former Mission Linen Supply Facility  
 11904-11920 E. Washington Boulevard, Santa Fe Springs, California

Well	Casing Elevation <sup>1</sup> (Feet)	Date	Groundwater Depth (Feet) <sup>2</sup>	Groundwater Elevation (Feet msl) <sup>3</sup>
MW-3	150.11	12/5/2000	25.20	124.91
		3/15/2001	24.09	126.02
		6/19/2001	22.87	127.18
		9/24/2001	26.61	123.50
		11/20/2001	27.96	122.15
		3/12/2002	25.25	124.86
		5/23/2002	26.70	123.41
		9/4/2002	30.00	120.11
		12/12/2002	31.27	118.84
		2/26/2003	29.51	120.60
		6/5/2003	27.43	122.68
		8/27/2003	31.02	119.09
		12/9/2003	34.50	115.61
		2/24/2004	35.31	114.80
	152.42	6/29/2004	36.91	115.51
		8/12/2004	36.51	115.91
		11/15/2004	38.38	114.04
		3/7/2005	37.15	115.27
		5/23/2005	30.31	122.11
		8/11/2005	27.80	124.62
		12/2/2005	29.28	123.14
		2/9/2006	29.08	123.34
		5/18/2006	26.97	125.45
		8/30/2006	27.71	124.71
		11/9/2006	29.56	122.86
		2/21/2007	28.95	123.47
		5/22/2007	27.25	125.17
		8/28/2007	29.85	122.57
		11/12/2007	33.16	119.26
		2/18/2008	34.25	118.17
MW-4	155.45	6/29/2004	38.79	116.66
		8/12/2004	39.42	116.03
		11/15/2004	41.77	113.68
		3/7/2005	33.60	121.85
		5/23/2005	32.75	122.70
		8/11/2005	30.56	124.89
		12/2/2005	31.91	123.54
		2/9/2006	31.69	123.76
		5/11/2006	29.50	125.95
		8/30/2006	30.33	125.12
		11/9/2006	32.22	123.23
		2/21/2007	31.70	123.75
		5/22/2007	29.88	125.57
		8/28/2007	33.10	122.35
		11/12/2007	36.14	119.31
		2/18/2008	37.10	118.35
MW-5	154.90	6/29/2004	38.56	116.34
		8/12/2004	39.30	115.60
		11/15/2004	41.54	113.36
		3/7/2005	39.54	115.36
		5/23/2005	32.59	122.31
		8/11/2005	30.38	124.52
		12/2/2005	31.85	123.05
		2/9/2006	31.57	123.33
		5/11/2006	29.38	125.52
		8/30/2006	30.30	124.60
		11/9/2006	32.11	122.79
		2/21/2007	31.55	123.35
		5/22/2007	29.76	125.14
		8/28/2007	33.11	121.79
		11/12/2007	36.41	118.49
		2/18/2008	37.37	117.53

Table C-1

**Historical Groundwater Elevations**  
December 2000 through February 2008  
Former Mission Linen Supply Facility  
11904-11920 E. Washington Boulevard, Santa Fe Springs, California

Well	Casing Elevation <sup>1</sup> (Feet)	Date	Groundwater Depth (Feet) <sup>2</sup>	Groundwater Elevation (Feet msl) <sup>3</sup>
MW-7	152.54	6/29/2004	36.11	116.43
		8/12/2004	36.70	115.84
		11/15/2004	38.86	113.68
		3/7/2005	37.40	115.14
		5/23/2005	30.62	121.92
		8/11/2005	28.36	124.18
		12/2/2005	29.57	122.97
		2/9/2006	29.38	123.16
		5/11/2006	27.31	125.23
		8/30/2006	28.17	124.37
		11/9/2006	29.82	122.72
		2/21/2007	29.32	123.22
		5/22/2007	27.62	124.92
		8/28/2007	30.90	121.64
		11/12/2007	33.54	119.00
		2/18/2008	34.58	117.96
MW-8	151.20	6/29/2004	35.20	116.00
		8/12/2004	35.78	115.42
		11/15/2004	37.96	113.24
		3/7/2005	36.33	114.87
		5/23/2005	29.61	121.59
		8/11/2005	27.50	123.70
		12/2/2005	28.70	122.50
		2/9/2006	28.55	122.65
		5/11/2006	26.45	124.75
		8/30/2006	27.12	124.08
		11/9/2006	29.00	122.20
		2/21/2007	28.50	122.70
		5/22/2007	26.77	124.43
		8/28/2007	29.92	121.28
		11/12/2007	32.65	118.55
		2/18/2008	33.64	117.56

**Notes**

- 1) Existing wells (except piezometers) re-surveyed at same time as new wells on June 29, 2004
- 2) Groundwater depth reported in feet below top of well casing
- 3) Groundwater elevation reported in feet from mean sea level (msl)

Table based on Rincon July 2004 quarterly report for data prior to 8/12/04

## **Appendix D**

### **Historical Groundwater Analytical Results**

Table D-1

## Historical Groundwater Analytical Results

June 1999 through February 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2- DCE)	1,1-Dichloroethene (1,1- DCE)	Carbon Tetrachloride	Chloroform	Chloromethane (Methyl Chloride)	1,2-Dichloroethane (1,2-DCA)	1,1- Dichloroethane (1,1-DCA)
	MCL	5.0	5.0	6.0	6.0	0.5	100.0	5.0	0.5	5.0
<b>MW-1</b>	6/12/1999	110	0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5
	7/9/1999	230	1.2	<0.5	2.9	<0.5	<0.5	<0.5	<0.5	<0.5
	12/5/2000	15.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2001	19.5	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	6/19/2001	32.8	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	9/24/2001	52.7	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	11/20/2001	143	1.4	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	3/12/2002	77.6	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	5/23/2002	76.1	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	9/4/2002	67	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	12/12/2002	61.5	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	2/26/2003	125	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	6/5/2003	91.5	1.1	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/27/2003	84.5	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	12/9/2003	38.4	1.1	<1.0	1.2	<1.0	<1.0	<3.0	<1.0	<1.0
	2/24/2004	90.1	1.5	<1.0	1.1	<1.0	<1.0	<3.0	<1.0	<1.0
	6/29/2004	106	1.2	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/12/2004	210	2.1	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	11/15/2004	dry	dry	dry	dry	dry	dry	dry	dry	dry
	3/7/2005	120	<2.0	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	5/23/2005	370	3.6	<2.0	2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	8/11/2005	120	2.5	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	12/2/2005	190	3.2	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	2/9/2006	66	2.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	5/11/2006	58	2.3	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	8/30/2006	40	1.4	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	11/9/2006	60	2.2	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	2/21/2007	21	1.7	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	5/22/2007	7.7	1.1	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	8/28/2007	46	1.4	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	11/12/2007	24	1.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	2/18/2008	24	1.8	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5

Table D-1

## Historical Groundwater Analytical Results

June 1999 through February 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2- DCE)	1,1-Dichloroethene (1,1- DCE)	Carbon Tetrachloride	Chloromethane (Methyl Chloride)	1,2-Dichloroethane (1,2-DCA)	1,1- Dichloroethane (1,1-DCA)	
	MCL	5.0	5.0	6.0	6.0	0.5	100.0	5.0	0.5	5.0
<b>MW-2</b>	6/12/1999	19,000	56	<10	30	<10	<10	<10	<10	<10
	7/9/1999	16,000	61	<10	31	<10	<10	<10	<10	<10
	12/5/2000	18,000	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2001	16,600	116	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	6/19/2001	7,310	<100	<100	<100	<100	<100	<300	<100	<100
	9/24/2001	18,900	100	<100	<100	<100	<100	<300	<100	<100
	11/20/2001	15,100	<200	<200	<200	<200	<200	<600	<200	<200
	3/12/2002	7,750	<100	<100	<100	<100	<100	<300	<100	<100
	5/23/2002	21,800	<200	<200	<200	<200	<200	<600	<200	<200
	9/4/2002	24,600	100	<100	100	<100	<100	<300	<100	<100
	12/12/2002	5,440	<50	<50	<50	<50	<50	<150	<50	<50
	2/26/2003	8,250	<100	<100	<100	<100	<100	<300	<100	<100
	6/5/2003	13,300	<200	<200	<200	<200	<200	<600	<200	<200
	8/27/2003	12,300	55	<50	<50	<50	<50	<150	<50	<50
	12/9/2003	1,440	<50	<50	50	<50	<50	<150	<50	<50
	2/24/2004	452	11	<10	<10	<10	<10	<30	<10	<10
	6/29/2004	757	<10	<10	25	<10	<10	<30	<10	<10
	8/12/2004	1,300	<10	<10	23	<10	<20	<20	<10	<10
	11/15/2004	dry	dry	dry	dry	dry	dry	dry	dry	dry
	3/7/2005	2,800	<20	<20	<20	<20	<40	<40	<20	<20
	5/23/2005	5,700	<50	<50	<50	<50	<100	<100	<50	<50
	8/11/2005	3,400	<20	<20	<20	<20	<40	<40	<20	<20
	12/2/2005	3,600	<50	<50	<50	<50	<100	<100	<50	<50
	2/9/2006	2,100	<20	<20	<20	<20	<40	<40	<20	<20
	5/12/2006	1,800	<20	<20	<20	<20	<40	<40	<20	<20
	8/30/2006	1,200	<20	<20	<20	<20	<40	<40	<20	<20
	11/9/2006	1,900	<20	<20	<20	<20	<40	<40	<20	<20
	2/21/2007	1,600	<20	<20	<20	<20	<40	<40	<20	<20
	5/22/2007	640	14	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0
	8/28/2007	640	19	6	<5.0	<5.0	<10	<10	<5.0	<5.0
	11/12/2007	610	9.1	<5.0	9	<5.0	<10	<10	<5.0	<5.0
	2/18/2008	64	4.8	0.51	1.6	<0.5	<1.0	<1.0	<0.5	<0.5

Table D-1

## Historical Groundwater Analytical Results

June 1999 through February 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2- DCE)	1,1-Dichloroethene (1,1- DCE)	Carbon Tetrachloride	Chloroform	Chloromethane (Methyl Chloride)	1,2-Dichloroethane (1,2-DCA)	1,1- Dichloroethane (1,1-DCA)
	MCL	5.0	5.0	6.0	6.0	0.5	100.0	5.0	0.5	5.0
<b>MW-3</b>	6/12/1999	11,000	18	<10	<10	<10	<10	<10	<10	<10
	7/9/1999	9,900	15	<5.0	7	<5.0	<5.0	<5.0	<5.0	<5.0
	12/5/2000	1,430	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/15/2001	2,390	<1	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	6/19/2001	14,800	<100	<100	<100	<100	<100	<300	<100	<100
	9/24/2001	1,840	<10	<10	<10	<10	<10	<30	<10	<10
	11/20/2001	14,500	<200	<200	<200	<200	<200	<600	<200	<200
	3/12/2002	14,700	<100	<100	<100	<100	<100	<300	<100	<100
	5/23/2002	18,800	<200	<200	<200	<200	<200	<600	<200	<200
	9/4/2002	13,700	<100	<100	<100	<100	<100	<300	<100	<100
	12/12/2002	6,560	<100	<100	<100	<100	<100	<300	<100	<100
	2/26/2003	12,400	<100	<100	<100	<100	<100	<300	<100	<100
	6/5/2003	13,600	<200	<200	<200	<200	<200	<600	<200	<200
	8/27/2003	10,700	<50	<50	<50	<50	<50	<150	<50	<50
	12/9/2003	1,170	36	<50	35	<50	<50	<150	<50	<50
	2/24/2004	413	24	28	16	<5.0	<5.0	<15	<5.0	<5.0
	6/29/2004	420	18	53	13	<5.0	<5.0	<15	<5.0	<5.0
	8/12/2004	260	8.6	36	11	<5.0	<10	<10	<5.0	<5.0
	11/15/2004	380	7.4	4.9	4.9	<2.0	<4.0	<4.0	<2.0	<2.0
	3/7/2005	870	<10	<10	<10	<10	<20	<20	<10	<10
	5/23/2005	1,600	15	<10	<10	<10	<20	<20	<10	<10
	8/11/2005	1,100	<10	<10	<10	<10	<20	<20	<10	<10
	12/2/2005	2,300	<20	<20	<20	<20	<40	<40	<20	<20
	2/9/2006	1,600	<10	<10	<10	<10	<20	<20	<10	<10
	5/18/2006	960	<10	<10	<10	<10	<20	<20	<10	<10
	8/30/2006	1,200	<10	<10	<10	<10	<20	<20	<10	<10
	11/9/2006	2,200	<20	<20	<20	<20	<40	<40	<20	<20
	2/21/2007	900	<20	<20	<20	<20	<40	<40	<20	<20
	5/22/2007	760	6.9	5.6	<5.0	<5.0	<10	<10	<5.0	<5.0
	8/28/2007	750	8.7	24	<5.0	<5.0	<10	<10	<5.0	<5.0
	11/12/2007	190	2.5	<1.0	1.4	<1.0	<2.0	<2.0	<1.0	<1.0
	2/18/2008	88	4.4	<1.0	1.6	<1.0	<2.0	<2.0	<1.0	<1.0

Table D-1

## Historical Groundwater Analytical Results

June 1999 through February 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2- DCE)	1,1-Dichloroethene (1,1- DCE)	Carbon Tetrachloride	Chloroform	Chloromethane (Methyl Chloride)	1,2-Dichloroethane (1,2-DCA)	1,1-Dichloroethane (1,1-DCA)
	MCL	5.0	5.0	6.0	6.0	0.5	100.0	5.0	0.5	5.0
<b>MW-4</b>	6/29/2004	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0
	8/12/2004	0.67	0.53	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	11/15/2004	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	3/7/2005	2.0	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	5/23/2005	3.3	0.6	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	8/11/2005	2.5	0.56	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	12/2/2005	0.97	1.6	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	2/9/2006	0.87	1.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	5/11/2006	1.1	1.2	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	8/30/2006	1.1	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	11/9/2006	1.4	0.7	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	2/21/2007	0.55	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	5/22/2007	0.64	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	8/28/2007	1.0	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	11/12/2007	0.67	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	2/18/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
<b>MW-5</b>	6/29/2004	511	<10	<10	<10	<10	<10	<30	<10	<10
	8/12/2004	260	2.9	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5
	11/15/2004	280	5.2	<2.5	4	<2.5	<5.0	<5.0	<2.5	<2.5
	3/7/2005	990	12	2.5	3.5	<2.0	5.8	<4.0	2.7	<2.0
MW-DUP (MW-5)	3/7/2005	980	11	<10	<10	<10	<20	<20	<10	<10
	5/23/2005	180	4.4	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	8/11/2005	97	2.8	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0
MW-DUP (MW-5)	8/11/2005	77	2.6	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	12/2/2005	270	4.8	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	2/9/2006	130	3.6	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0
	5/12/2006	190	3.6	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
MW-DUP (MW-5)	5/12/2006	180	3.8	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	8/30/2006	180	2.8	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5
	11/9/2006	110	2.5	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
MW-DUP (MW-5)	11/9/2006	110	2.6	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0
	2/21/2007	260	3.2	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	5/22/2007	66	1.8	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
MW-DUP (MW-5)	8/28/2007	200	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5
	8/28/2007	250	<2.5	<2.5	<2.5	<2.5	<5.0	<5.0	<2.5	<2.5
	11/12/2007	14	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5
	2/18/2008	21	1.6	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5

Table D-1

**Historical Groundwater Analytical Results**

June 1999 through February 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2- DCE)	1,1-Dichloroethene (1,1- DCE)	Carbon Tetrachloride	Chloroform	Chloromethane (Methyl Chloride)	1,2-Dichloroethane (1,2-DCA)	1,1- Dichloroethane (1,1-DCA)
MCL		5.0	5.0	6.0	6.0	0.5	100.0	5.0	0.5	5.0
<b>MW-7</b>	6/29/2004	153	1.6	<1.0	2.4	<1.0	<1.0	<3.0	<1.0	<1.0
	8/12/2004	92	1.6	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0
<b>MW-DUP (MW-7)</b>	8/12/2004	98	1.5	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0
	11/15/2004	420	6.1	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0
	3/7/2005	46	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0
	5/23/2005	190	5.6	<2.0	<2.0	<2.0	<4.0	<4.0	<2.0	<2.0
	8/11/2005	320	5.1	<2.5	2.5	<2.5	<5.0	<5.0	<2.5	<2.5
	12/2/2005	820	<10	<10	<10	<10	<20	<20	<10	<10
<b>MW-DUP (MW-7)</b>	12/2/2005	790	<10	<10	<10	<10	<20	<20	<10	<10
	2/9/2006	520	5.2	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0
	5/12/2006	1,000	<10	<10	11	<10	<20	<20	<10	<10
	8/30/2006	490	4.3	<2.5	4.4	<2.5	<5.0	<5.0	<2.5	<2.5
<b>MW-DUP (MW-7)</b>	8/30/2006	410	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0
	11/9/2006	520	<10	<10	<10	<10	<20	<20	<10	<10
	2/21/2007	530	<10	<10	<10	<10	<20	<20	<10	<10
	5/22/2007	410	7.6	5.7	6.3	<2.5	<5.0	<5.0	<2.5	<2.5
<b>MW-DUP (MW-7)</b>	5/22/2007	400	7.7	5.7	6.5	<5.0	<10	<10	<5.0	<5.0
	8/28/2007	420	8	4.7	4.9	<2.5	<5.0	<5.0	<2.5	<2.5
	11/12/2007	380	6.3	3.3	5.7	<2.5	<5.0	<5.0	<2.5	<2.5
	2/18/2008	360	6.3	<2.5	6.7	<2.5	<5.0	<5.0	<2.5	<2.5
<b>MW-DUP (MW-7)</b>	2/18/2008	340	6.3	<2.5	6.6	<2.5	<5.0	<5.0	<2.5	<2.5

Table D-1

## Historical Groundwater Analytical Results

June 1999 through February 2008

Former Mission Linen Supply Facility

11904-11920 East Washington Boulevard, Santa Fe Springs, California

Sample I.D.	Sample Date	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cis-1,2- DCE)	1,1-Dichloroethene (1,1- DCE)	Carbon Tetrachloride	Chloroform	Chloromethane (Methyl Chloride)	1,2-Dichloroethane (1,2-DCA)	1,1- Dichloroethane (1,1-DCA)
	MCL	5.0	5.0	6.0	6.0	0.5	100.0	5.0	0.5	5.0
<b>MW-8</b>	6/29/2004	127	26.1	<1.0	11.7	<1.0	<1.0	<3.0	<1.0	<1.0
	8/12/2004	91	37	<1.0	8.6	<1.0	2.3	<2.0	<1.0	<1.0
	11/15/2004	67	7.6	<0.5	4	<0.5	3.7	<0.5	<0.5	<0.5
<b>MW-DUP (MW-8)</b>	11/15/2004	66	7.8	<0.5	5.1	<0.5	3.6	<0.5	<0.5	<0.5
	3/7/2005	300	11	<1.0	8.1	<1.0	2.1	<2.0	<1.0	<1.0
	5/23/2005	53	7.1	<0.5	5.2	<0.5	2.5	<1.0	<0.5	<0.5
<b>MW-DUP (MW-8)</b>	5/23/2005	55	7.3	<0.5	5.5	<0.5	2.5	<1.0	<0.5	<0.5
	8/11/2005	42	6.4	<0.5	5.6	<0.5	1.7	<1.0	<0.5	<0.5
	12/2/2005	75	10	<0.5	6.9	<0.5	1.2	<1.0	<0.5	<0.5
<b>MW-DUP (MW-8)</b>	2/9/2006	150	12	<2.0	10	<2.0	<4.0	<4.0	<2.0	<2.0
	2/9/2006	170	13	<2.0	11	<2.0	<4.0	<4.0	<2.0	<2.0
	5/11/2006	220	11	<2.0	12	<2.0	<4.0	<4.0	<2.0	<2.0
<b>MW-DUP (MW-8)</b>	8/30/2006	130	8	<2.0	5.7	<2.0	<4.0	<4.0	<2.0	<2.0
	11/9/2006	79	11	<0.5	3.4	<0.5	<1.0	<1.0	<0.5	<0.5
	2/21/2007	150	15	<1.0	6.4	<1.0	<1.0	<2.0	<1.0	<1.0
<b>MW-DUP (MW-8)</b>	2/21/2007	140	14	<1.0	6.4	<1.0	<2.0	<2.0	<1.0	<1.0
	5/22/2007	140	10	<0.5	3.8	<0.5	<1.0	<1.0	<0.5	<0.5
	8/28/2007	96	8.2	<0.5	1.4	<0.5	<1.0	<1.0	<0.5	<0.5
<b>MW-DUP (MW-8)</b>	11/12/2007	260	20	<2.5	4.2	<2.5	<5.0	<5.0	<2.5	<2.5
	11/12/2007	300	22	<2.5	5.7	<2.5	<5.0	<5.0	<2.5	<2.5
	2/18/2008	190	19	<2.5	4.0	<2.5	<5.0	<5.0	<2.5	<2.5

**Notes:**

All concentrations reported in micrograms per Liter (ug/L)

&lt; = not detected at detection limit shown

Only detected analytes are presented, see laboratory reports for complete list of analytes

MCL = EPA Region 9 Maximum Contaminant Level for Drinking water

Table based on Rincon July 2004 quarterly report for data prior to 8/12/04

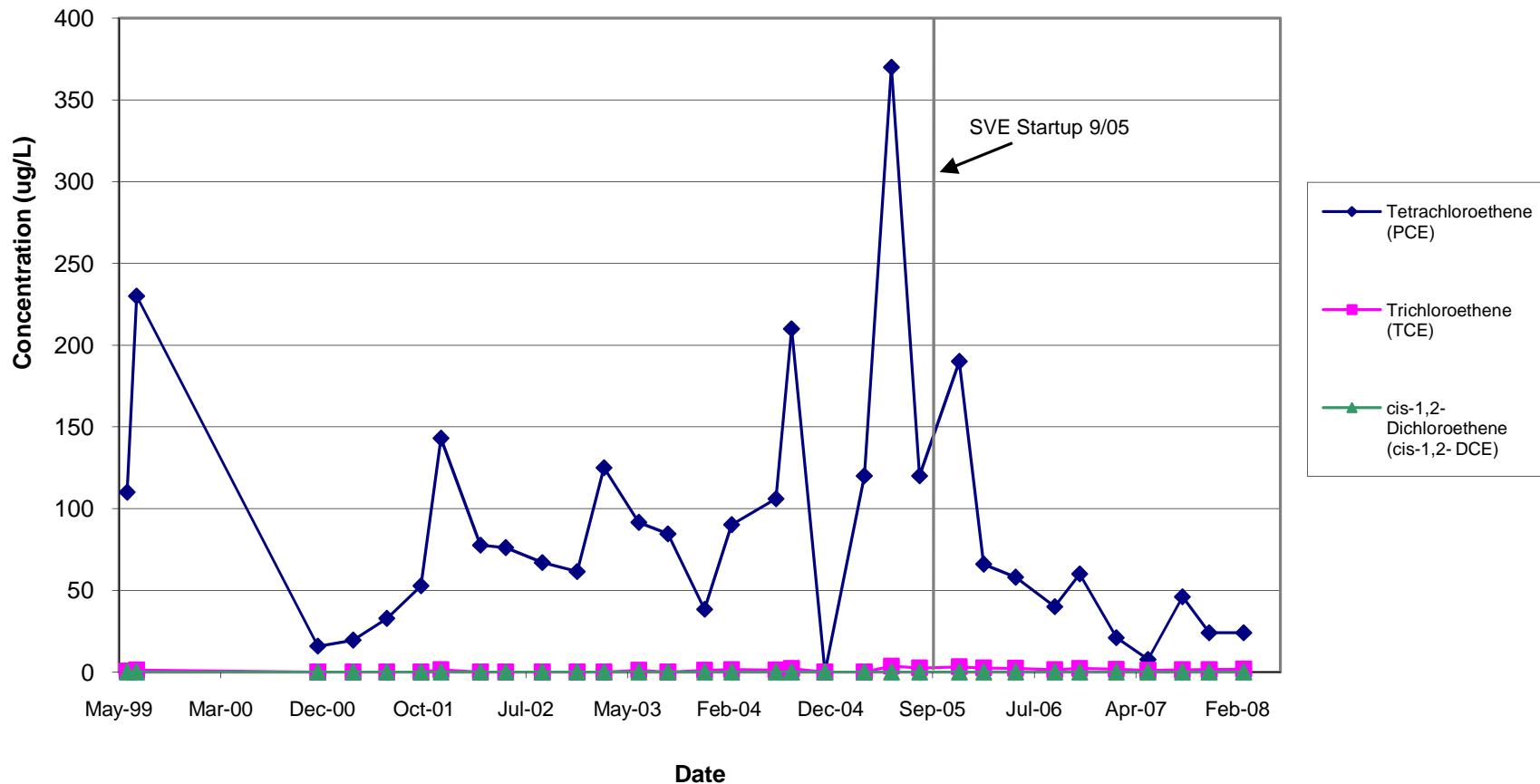
## **Appendix E**

### **Time Series Chemical Data**

## VOC Concentrations in Groundwater - Well MW-1

1999 to Present

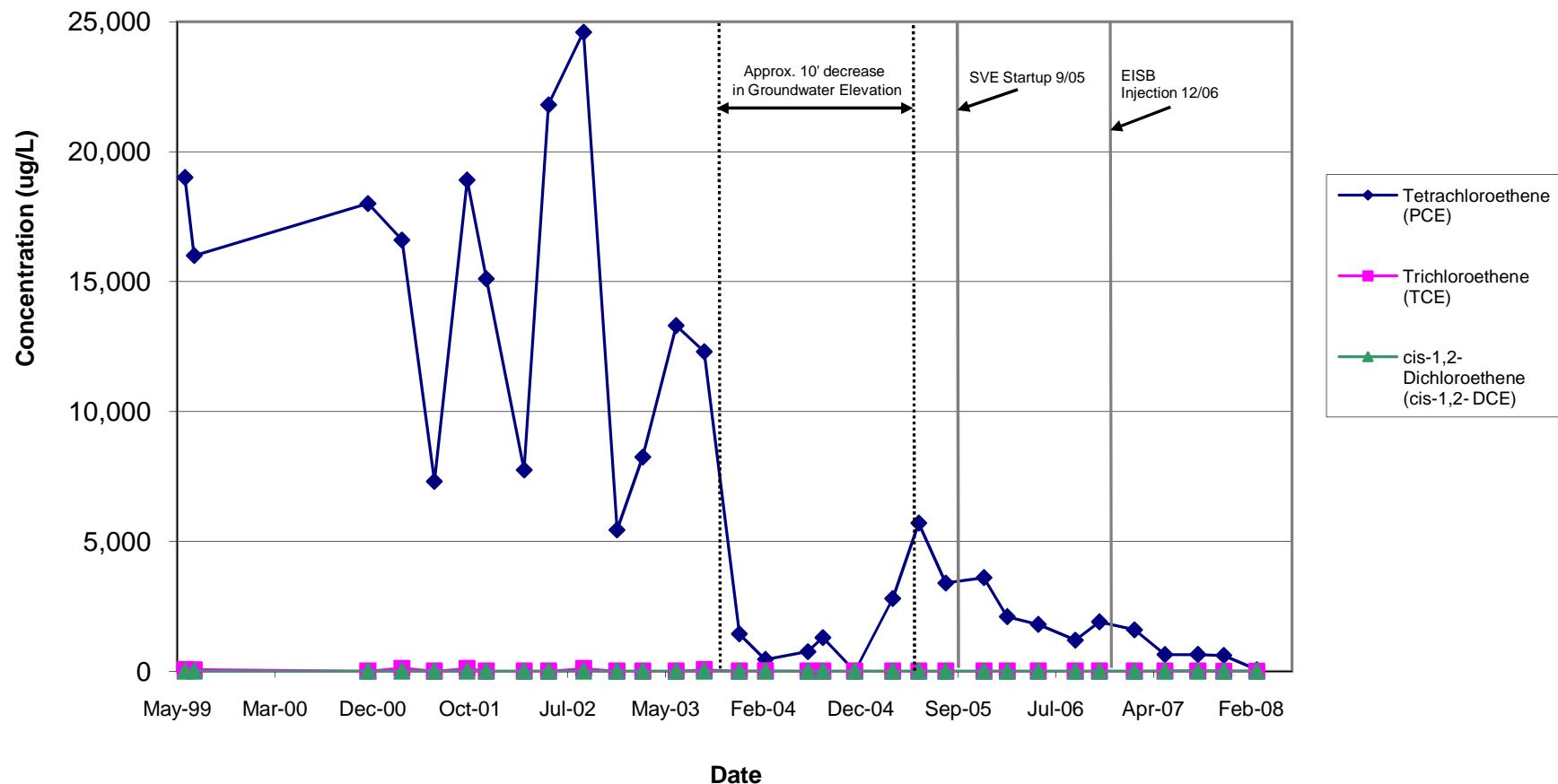
Former Mission Linen Supply Facility, Santa Fe Springs, CA



## VOC Concentrations in Groundwater - Well MW-2

1999 to Present

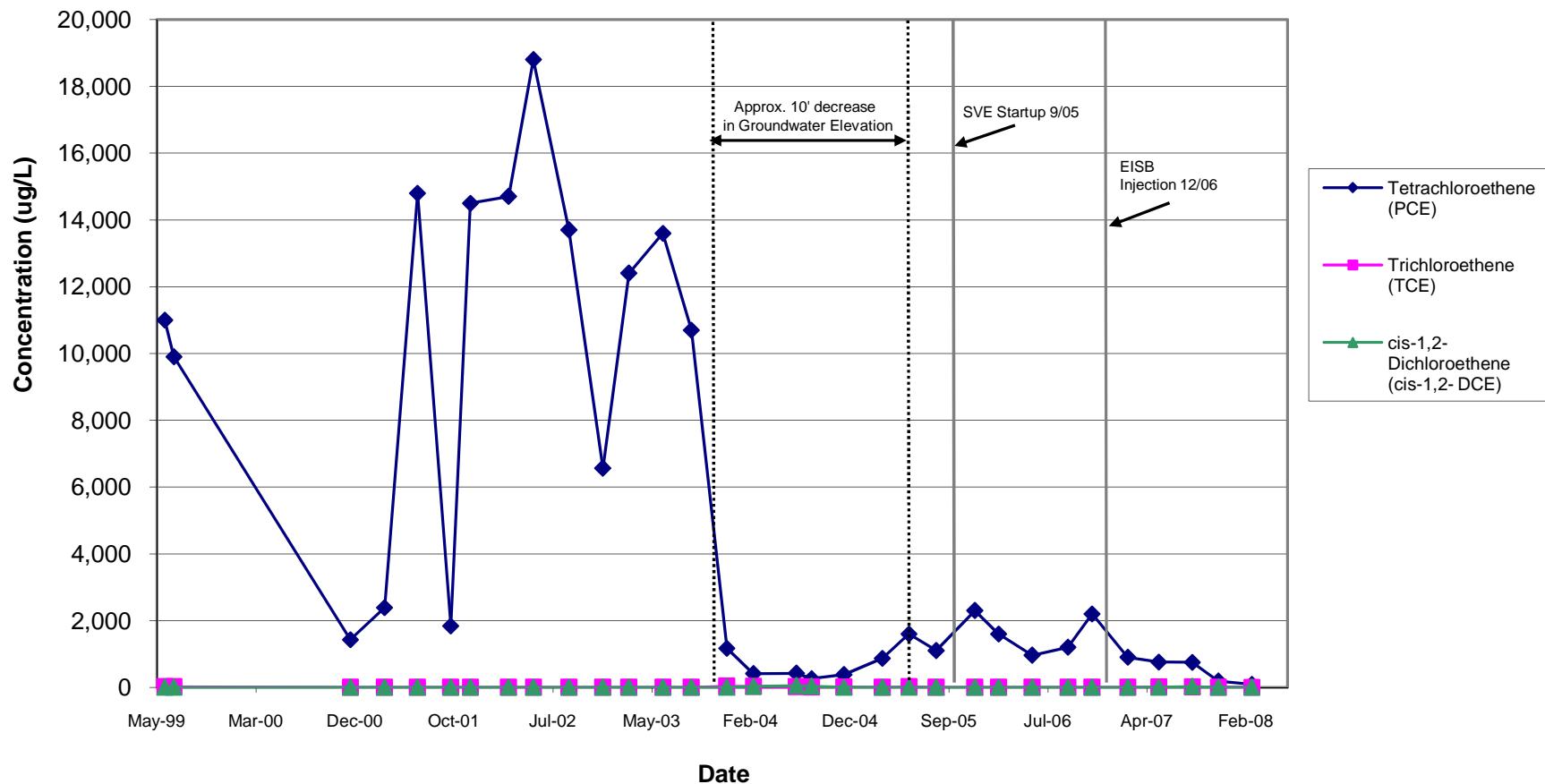
Former Mission Linen Supply Facility, Santa Fe Springs, CA



## VOC Concentrations in Groundwater - Well MW-3

1999 to Present

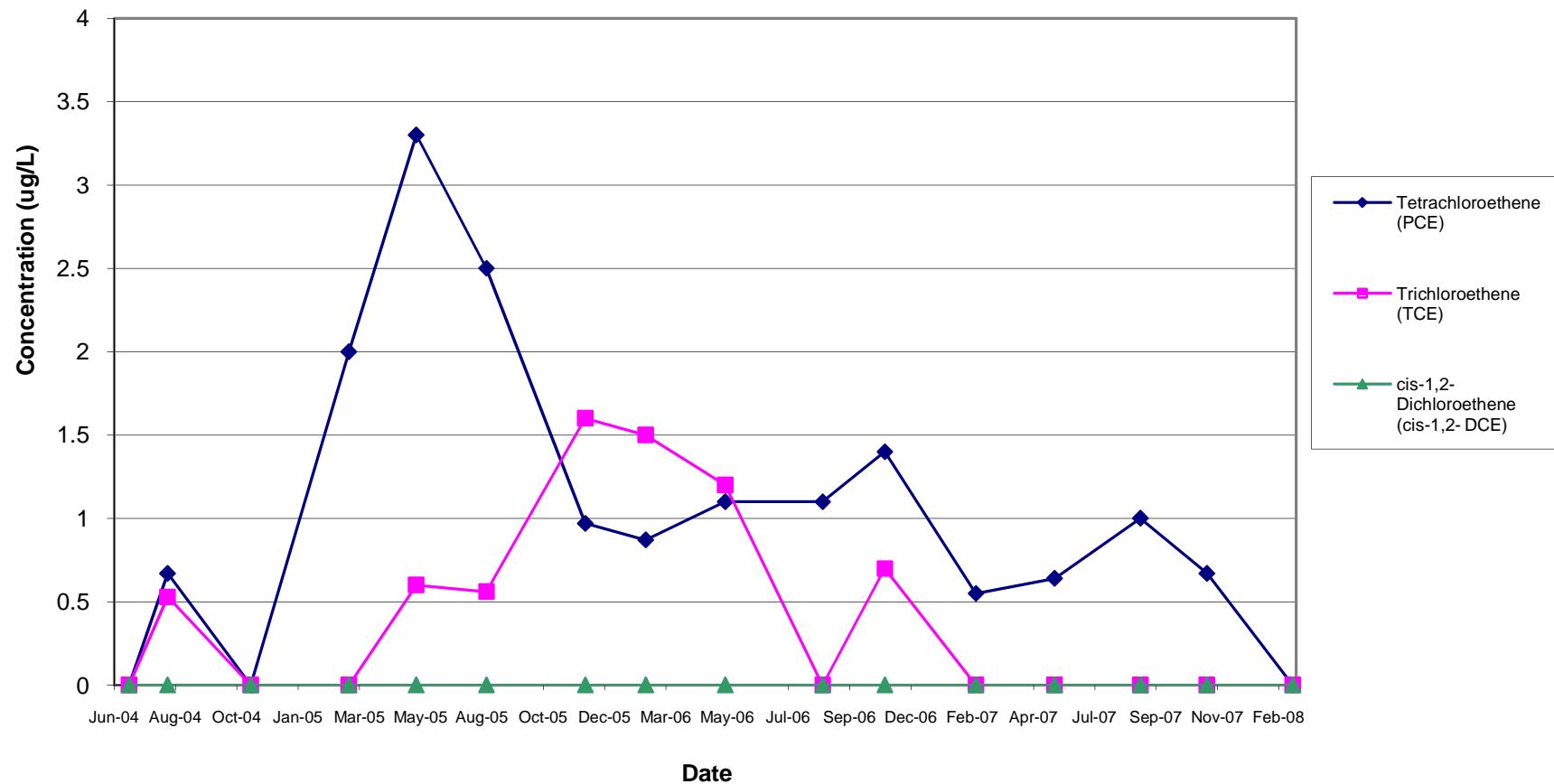
Former Mission Linen Supply Facility, Santa Fe Springs, CA



## VOC Concentrations in Groundwater - Well MW-4

2004 to Present

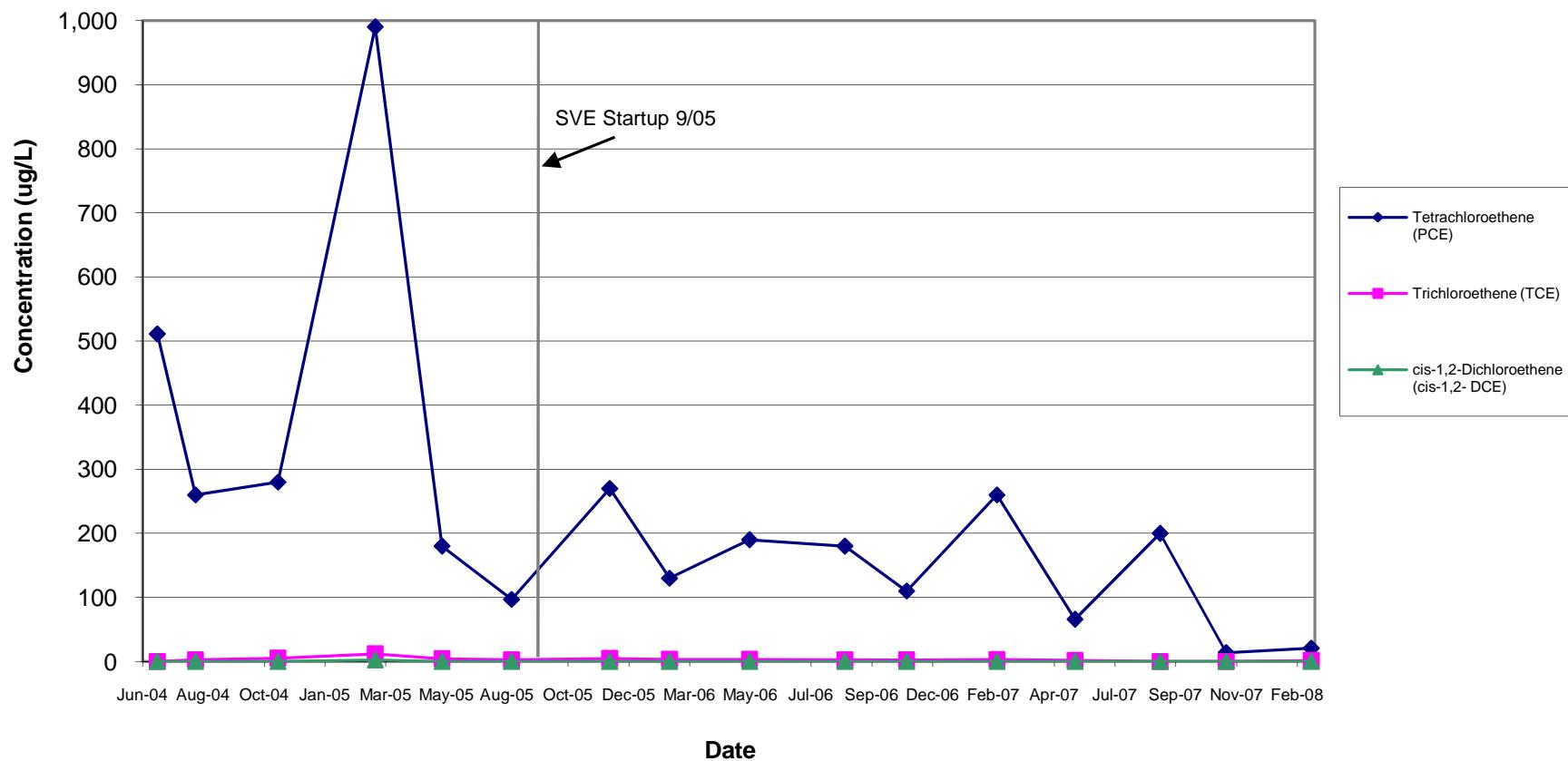
Former Mission Linen Supply Facility, Santa Fe Springs, CA



## VOC Concentrations in Groundwater - Well MW-5

2004 to Present

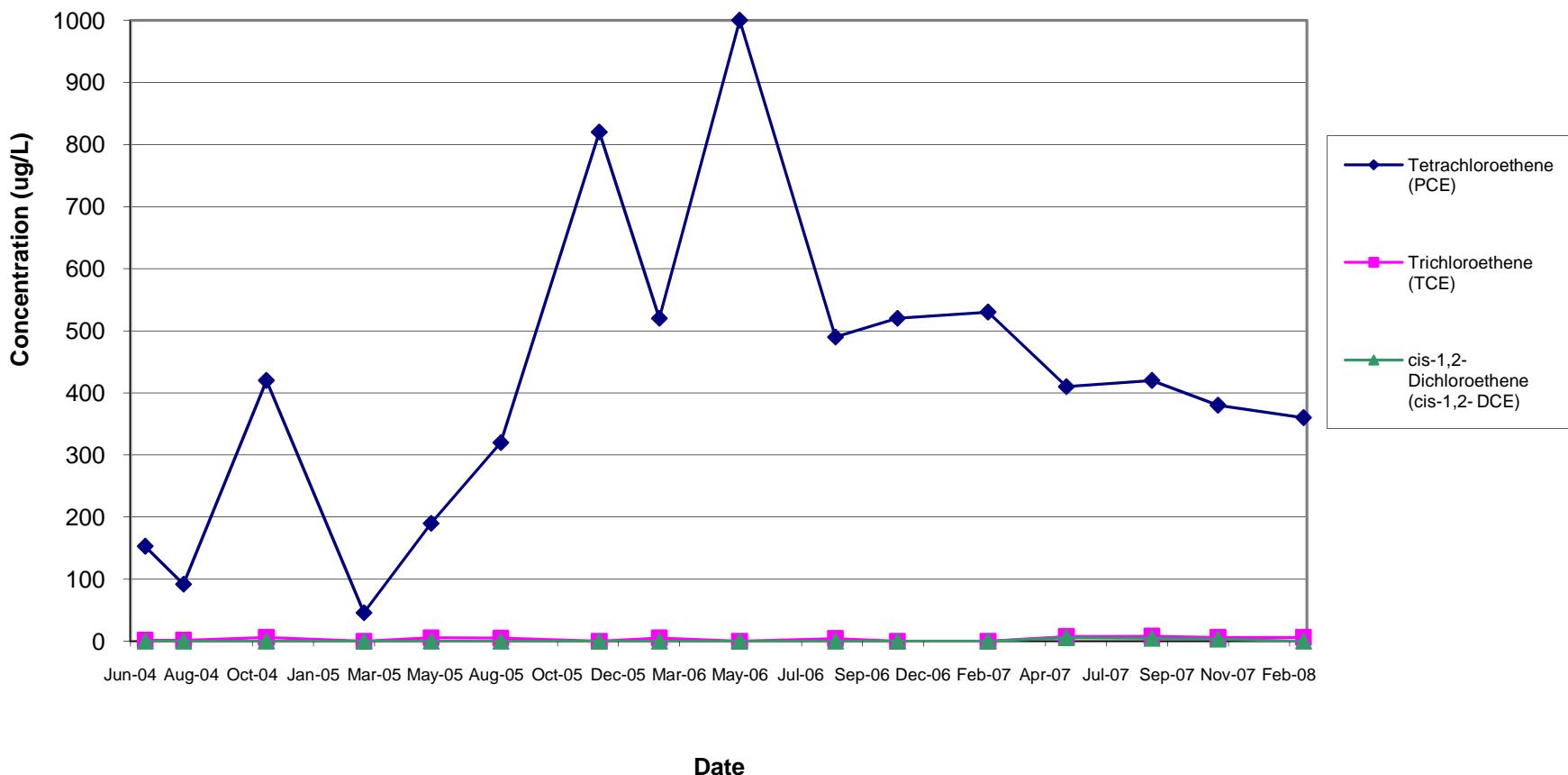
Former Mission Linen Supply Facility, Santa Fe Springs, CA



## VOC Concentrations in Groundwater - Well MW-7

2004 to Present

Former Mission Linen Supply Facility, Santa Fe Springs, CA



## VOC Concentrations in Groundwater - Well MW-8

2004 to Present

Former Mission Linen Supply Facility, Santa Fe Springs, CA

